

(Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.)

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |   | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |   |                                   |                                   |
| AdA:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Adelphia-----               | 0-14  | ---  | ---  | 5-25  | 1.40-1.60                | 0.6-6                       | 0.14-0.21                      | 0.0-2.9                      | 0.5-3.0           | .32             | .32 | 5 | 3                                 | 86                                |
|                             | 14-30 | ---  | ---  | 20-35 | 1.50-1.70                | 0.2-2                       | 0.13-0.18                      | 3.0-5.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 30-60 | ---  | ---  | 5-15  | 1.50-1.70                | 0.6-20                      | 0.07-0.15                      | 0.0-2.9                      | ---               | .20             | .20 |   |                                   |                                   |
| AdB2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Adelphia-----               | 0-14  | ---  | ---  | 5-25  | 1.40-1.60                | 0.6-6                       | 0.14-0.21                      | 0.0-2.9                      | 0.5-3.0           | .32             | .32 | 5 | 3                                 | 86                                |
|                             | 14-30 | ---  | ---  | 20-35 | 1.50-1.70                | 0.2-2                       | 0.13-0.18                      | 3.0-5.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 30-60 | ---  | ---  | 5-15  | 1.50-1.70                | 0.6-20                      | 0.07-0.15                      | 0.0-2.9                      | ---               | .20             | .20 |   |                                   |                                   |
| AdC2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Adelphia-----               | 0-14  | ---  | ---  | 5-25  | 1.40-1.60                | 0.6-6                       | 0.14-0.21                      | 0.0-2.9                      | 0.5-3.0           | .32             | .32 | 5 | 3                                 | 86                                |
|                             | 14-30 | ---  | ---  | 20-35 | 1.50-1.70                | 0.2-2                       | 0.13-0.18                      | 3.0-5.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 30-60 | ---  | ---  | 5-15  | 1.50-1.70                | 0.6-20                      | 0.07-0.15                      | 0.0-2.9                      | ---               | .20             | .20 |   |                                   |                                   |
| AhA:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Adelphia-----               | 0-14  | ---  | ---  | 5-25  | 1.40-1.60                | 0.6-6                       | 0.14-0.21                      | 0.0-2.9                      | 0.5-3.0           | .32             | .32 | 5 | 3                                 | 86                                |
|                             | 14-30 | ---  | ---  | 20-35 | 1.50-1.70                | 0.2-2                       | 0.13-0.18                      | 3.0-5.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 30-60 | ---  | ---  | 5-15  | 1.50-1.70                | 0.6-20                      | 0.07-0.15                      | 0.0-2.9                      | ---               | .20             | .20 |   |                                   |                                   |
| AhB2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Adelphia-----               | 0-14  | ---  | ---  | 5-25  | 1.40-1.60                | 0.6-6                       | 0.14-0.21                      | 0.0-2.9                      | 0.5-3.0           | .32             | .32 | 5 | 3                                 | 86                                |
|                             | 14-30 | ---  | ---  | 20-35 | 1.50-1.70                | 0.2-2                       | 0.13-0.18                      | 3.0-5.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 30-60 | ---  | ---  | 5-15  | 1.50-1.70                | 0.6-20                      | 0.07-0.15                      | 0.0-2.9                      | ---               | .20             | .20 |   |                                   |                                   |
| AuB2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Aura-----                   | 0-8   | ---  | ---  | 4-15  | 1.30-1.60                | 2-20                        | 0.10-0.15                      | 0.0-2.9                      | 1.0-2.0           | .37             | .37 | 5 | 3                                 | 86                                |
|                             | 8-59  | ---  | ---  | 15-35 | 1.50-1.70                | 0.2-6                       | 0.07-0.15                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
|                             | 59-72 | ---  | ---  | 3-32  | 1.45-1.65                | 0.2-20                      | 0.02-0.13                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| AuC2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Aura-----                   | 0-8   | ---  | ---  | 4-15  | 1.30-1.60                | 2-20                        | 0.10-0.15                      | 0.0-2.9                      | 1.0-2.0           | .37             | .37 | 5 | 3                                 | 86                                |
|                             | 8-59  | ---  | ---  | 15-35 | 1.50-1.70                | 0.2-6                       | 0.07-0.15                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
|                             | 59-72 | ---  | ---  | 3-32  | 1.45-1.65                | 0.2-20                      | 0.02-0.13                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| AuC3:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Aura-----                   | 0-8   | ---  | ---  | 4-15  | 1.30-1.60                | 2-20                        | 0.10-0.15                      | 0.0-2.9                      | 1.0-2.0           | .37             | .37 | 5 | 3                                 | 86                                |
|                             | 8-59  | ---  | ---  | 15-35 | 1.50-1.70                | 0.2-6                       | 0.07-0.15                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
|                             | 59-72 | ---  | ---  | 3-32  | 1.45-1.65                | 0.2-20                      | 0.02-0.13                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |   | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |   |                                   |                                   |
| AuD:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Aura-----                   | 0-8   | ---  | ---  | 4-15  | 1.30-1.60                | 2-20                        | 0.10-0.15                      | 0.0-2.9                      | 1.0-2.0           | .37             | .37 | 5 | 3                                 | 86                                |
|                             | 8-59  | ---  | ---  | 15-35 | 1.50-1.70                | 0.2-6                       | 0.07-0.15                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
|                             | 59-72 | ---  | ---  | 3-32  | 1.45-1.65                | 0.2-20                      | 0.02-0.13                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| AvE:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Aura-----                   | 0-8   | ---  | ---  | 4-15  | 1.30-1.60                | 2-20                        | 0.10-0.15                      | 0.0-2.9                      | 1.0-2.0           | .37             | .37 | 5 | 3                                 | 86                                |
|                             | 8-59  | ---  | ---  | 15-35 | 1.50-1.70                | 0.2-6                       | 0.07-0.15                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
|                             | 59-72 | ---  | ---  | 3-32  | 1.45-1.65                | 0.2-20                      | 0.02-0.13                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| Croom-----                  | 0-12  | ---  | ---  | 10-23 | 1.20-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .43             | .64 | 4 | 5                                 | 56                                |
|                             | 12-28 | ---  | ---  | 10-35 | 1.30-1.50                | 0.2-2                       | 0.05-0.10                      | 0.0-2.9                      | ---               | .17             | .49 |   |                                   |                                   |
|                             | 28-48 | ---  | ---  | 5-30  | 1.30-1.50                | 0.6-20                      | 0.04-0.07                      | 0.0-2.9                      | ---               | .17             | .55 |   |                                   |                                   |
|                             | 48-99 | ---  | ---  | 5-20  | 1.30-1.50                | 0.6-20                      | 0.03-0.13                      | 0.0-2.9                      | ---               | .17             | .55 |   |                                   |                                   |
| BeA:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Beltsville-----             | 0-14  | ---  | ---  | 7-20  | 1.20-1.40                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4 | ---                               | 56                                |
|                             | 14-25 | ---  | ---  | 20-30 | 1.30-1.50                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |   |                                   |                                   |
|                             | 25-50 | ---  | ---  | 20-30 | 1.60-1.90                | 0.06-0.2                    | 0.05-0.10                      | 0.0-2.9                      | 0.0-0.5           | .32             | .32 |   |                                   |                                   |
|                             | 50-72 | ---  | ---  | 19-35 | 1.30-1.50                | 0.2-6                       | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .37             | .43 |   |                                   |                                   |
| BeB2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Beltsville-----             | 0-14  | ---  | ---  | 7-20  | 1.20-1.40                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4 | ---                               | 56                                |
|                             | 14-25 | ---  | ---  | 20-30 | 1.30-1.50                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |   |                                   |                                   |
|                             | 25-50 | ---  | ---  | 20-30 | 1.60-1.90                | 0.06-0.2                    | 0.05-0.10                      | 0.0-2.9                      | 0.0-0.5           | .32             | .32 |   |                                   |                                   |
|                             | 50-72 | ---  | ---  | 19-35 | 1.30-1.50                | 0.2-6                       | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .37             | .43 |   |                                   |                                   |
| BeC2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Beltsville-----             | 0-14  | ---  | ---  | 7-20  | 1.20-1.40                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4 | ---                               | 56                                |
|                             | 14-25 | ---  | ---  | 20-30 | 1.30-1.50                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |   |                                   |                                   |
|                             | 25-50 | ---  | ---  | 20-30 | 1.60-1.90                | 0.06-0.2                    | 0.05-0.10                      | 0.0-2.9                      | 0.0-0.5           | .32             | .32 |   |                                   |                                   |
|                             | 50-72 | ---  | ---  | 19-35 | 1.30-1.50                | 0.2-6                       | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .37             | .43 |   |                                   |                                   |
| BlA:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Beltsville-----             | 0-14  | ---  | ---  | 7-20  | 1.20-1.40                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4 | ---                               | 56                                |
|                             | 14-25 | ---  | ---  | 20-30 | 1.30-1.50                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |   |                                   |                                   |
|                             | 25-50 | ---  | ---  | 20-30 | 1.60-1.90                | 0.06-0.2                    | 0.05-0.10                      | 0.0-2.9                      | 0.0-0.5           | .32             | .32 |   |                                   |                                   |
|                             | 50-72 | ---  | ---  | 19-35 | 1.30-1.50                | 0.2-6                       | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .37             | .43 |   |                                   |                                   |
| BlB2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |   |                                   |                                   |
| Beltsville-----             | 0-14  | ---  | ---  | 7-20  | 1.20-1.40                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4 | ---                               | 56                                |
|                             | 14-25 | ---  | ---  | 20-30 | 1.30-1.50                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |   |                                   |                                   |
|                             | 25-50 | ---  | ---  | 20-30 | 1.60-1.90                | 0.06-0.2                    | 0.05-0.10                      | 0.0-2.9                      | 0.0-0.5           | .32             | .32 |   |                                   |                                   |
|                             | 50-72 | ---  | ---  | 19-35 | 1.30-1.50                | 0.2-6                       | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .37             | .43 |   |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| BlC2:<br>Beltsville-----    | 0-14  | ---  | ---  | 7-20  | 1.20-1.40                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4   | ---                               | 56                                |
|                             | 14-25 | ---  | ---  | 20-30 | 1.30-1.50                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 25-50 | ---  | ---  | 20-30 | 1.60-1.90                | 0.06-0.2                    | 0.05-0.10                      | 0.0-2.9                      | 0.0-0.5           | .32             | .32 |     |                                   |                                   |
|                             | 50-72 | ---  | ---  | 19-35 | 1.30-1.50                | 0.2-6                       | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .37             | .43 |     |                                   |                                   |
| BlC3:<br>Beltsville-----    | 0-14  | ---  | ---  | 7-20  | 1.20-1.40                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 3   | 5                                 | 56                                |
|                             | 14-25 | ---  | ---  | 20-30 | 1.30-1.50                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 25-50 | ---  | ---  | 20-30 | 1.60-1.90                | 0.06-0.2                    | 0.05-0.10                      | 0.0-2.9                      | 0.0-0.5           | .32             | .32 |     |                                   |                                   |
|                             | 50-72 | ---  | ---  | 19-35 | 1.30-1.50                | 0.2-6                       | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .37             | .43 |     |                                   |                                   |
| B1D3:<br>Beltsville-----    | 0-14  | ---  | ---  | 7-20  | 1.20-1.40                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 3   | 5                                 | 56                                |
|                             | 14-25 | ---  | ---  | 20-30 | 1.30-1.50                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 25-50 | ---  | ---  | 20-30 | 1.60-1.90                | 0.06-0.2                    | 0.05-0.10                      | 0.0-2.9                      | 0.0-0.5           | .32             | .32 |     |                                   |                                   |
|                             | 50-72 | ---  | ---  | 19-35 | 1.30-1.50                | 0.2-6                       | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .37             | .43 |     |                                   |                                   |
| BmB:<br>Beltsville-----     | 0-14  | ---  | ---  | 7-20  | 1.20-1.40                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4   | ---                               | 56                                |
|                             | 14-25 | ---  | ---  | 20-30 | 1.30-1.50                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 25-50 | ---  | ---  | 20-30 | 1.60-1.90                | 0.06-0.2                    | 0.05-0.10                      | 0.0-2.9                      | 0.0-0.5           | .32             | .32 |     |                                   |                                   |
|                             | 50-72 | ---  | ---  | 19-35 | 1.30-1.50                | 0.2-6                       | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .37             | .43 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| BmC:<br>Beltsville-----     | 0-14  | ---  | ---  | 7-20  | 1.20-1.40                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4   | ---                               | 56                                |
|                             | 14-25 | ---  | ---  | 20-30 | 1.30-1.50                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 25-50 | ---  | ---  | 20-30 | 1.60-1.90                | 0.06-0.2                    | 0.05-0.10                      | 0.0-2.9                      | 0.0-0.5           | .32             | .32 |     |                                   |                                   |
|                             | 50-72 | ---  | ---  | 19-35 | 1.30-1.50                | 0.2-6                       | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .37             | .43 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| Bn:<br>Bibb-----            | 0-12  | ---  | ---  | 2-18  | 1.50-1.70                | 0.6-2                       | 0.12-0.18                      | 0.0-2.9                      | 1.0-3.0           | .20             | .20 | 5   | 3                                 | 86                                |
|                             | 12-60 | ---  | ---  | 2-18  | 1.45-1.75                | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | 0.5-1.0           | .37             | .37 |     |                                   |                                   |
| Bo:<br>Bibb-----            | 0-12  | ---  | ---  | 2-18  | 1.40-1.65                | 0.6-2                       | 0.15-0.20                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5   | 5                                 | 56                                |
|                             | 12-60 | ---  | ---  | 2-18  | 1.45-1.75                | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | 0.5-1.0           | .37             | .37 |     |                                   |                                   |
| Br:<br>Bibb-----            | 0-12  | ---  | ---  | 2-18  | 1.40-1.65                | 0.6-2                       | 0.15-0.20                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5   | 5                                 | 56                                |
|                             | 12-60 | ---  | ---  | 2-18  | 1.45-1.75                | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | 0.5-1.0           | .37             | .37 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| BtB2:<br>Butlertown-----    | 0-16  | ---  | ---  | 11-16 | 1.35-1.55                | 0.6-2                       | 0.18-0.21                      | 0.0-2.9                      | 1.0-4.0           | .43             | .43 | 4   | ---                               | 56                                |
|                             | 16-34 | ---  | ---  | 18-28 | 1.35-1.55                | 0.6-2                       | 0.16-0.22                      | 0.0-2.9                      | ---               | .43             | .43 |     |                                   |                                   |
|                             | 34-49 | ---  | ---  | 18-25 | 1.60-1.80                | 0.06-0.2                    | 0.10-0.14                      | 0.0-2.9                      | ---               | .43             | .43 |     |                                   |                                   |
|                             | 49-60 | ---  | ---  | 5-18  | 1.50-1.70                | 0.6-2                       | 0.12-0.21                      | 0.0-2.9                      | ---               | .43             | .43 |     |                                   |                                   |
| CaB2:<br>Chillum-----       | 0-8   | ---  | ---  | 10-23 | 1.10-1.30                | 0.6-2                       | 0.19-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4   | 5                                 | 56                                |
|                             | 8-28  | ---  | ---  | 18-35 | 1.10-1.30                | 0.6-2                       | 0.19-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |     |                                   |                                   |
|                             | 28-72 | ---  | ---  | 18-23 | 1.20-1.50                | 0.2-2                       | 0.03-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .24 |     |                                   |                                   |
| CaC2:<br>Chillum-----       | 0-8   | ---  | ---  | 10-23 | 1.10-1.30                | 0.6-2                       | 0.19-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4   | 5                                 | 56                                |
|                             | 8-28  | ---  | ---  | 18-35 | 1.10-1.30                | 0.6-2                       | 0.19-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |     |                                   |                                   |
|                             | 28-72 | ---  | ---  | 18-23 | 1.20-1.50                | 0.2-2                       | 0.03-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .24 |     |                                   |                                   |
| CaC3:<br>Chillum-----       | 0-8   | ---  | ---  | 10-23 | 1.10-1.30                | 0.6-2                       | 0.19-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 3   | 5                                 | 56                                |
|                             | 8-28  | ---  | ---  | 18-35 | 1.10-1.30                | 0.6-2                       | 0.19-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |     |                                   |                                   |
|                             | 28-72 | ---  | ---  | 18-23 | 1.20-1.50                | 0.2-2                       | 0.03-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .24 |     |                                   |                                   |
| CaD2:<br>Chillum-----       | 0-8   | ---  | ---  | 10-23 | 1.10-1.30                | 0.6-2                       | 0.19-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4   | 5                                 | 56                                |
|                             | 8-28  | ---  | ---  | 18-35 | 1.10-1.30                | 0.6-2                       | 0.19-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |     |                                   |                                   |
|                             | 28-72 | ---  | ---  | 18-23 | 1.20-1.50                | 0.2-2                       | 0.03-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .24 |     |                                   |                                   |
| CbB:<br>Chillum-----        | 0-8   | ---  | ---  | 10-23 | 1.10-1.30                | 0.6-2                       | 0.19-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4   | 5                                 | 56                                |
|                             | 8-28  | ---  | ---  | 18-35 | 1.10-1.30                | 0.6-2                       | 0.19-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |     |                                   |                                   |
|                             | 28-72 | ---  | ---  | 18-23 | 1.20-1.50                | 0.2-2                       | 0.03-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .24 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| CbC:<br>Chillum-----        | 0-8   | ---  | ---  | 10-23 | 1.10-1.30                | 0.6-2                       | 0.19-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4   | 5                                 | 56                                |
|                             | 8-28  | ---  | ---  | 18-35 | 1.10-1.30                | 0.6-2                       | 0.19-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |     |                                   |                                   |
|                             | 28-72 | ---  | ---  | 18-23 | 1.20-1.50                | 0.2-2                       | 0.03-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .24 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| CbE:<br>Chillum-----        | 0-8   | ---  | ---  | 10-23 | 1.10-1.30                | 0.6-2                       | 0.19-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4   | 5                                 | 56                                |
|                             | 8-28  | ---  | ---  | 18-35 | 1.10-1.30                | 0.6-2                       | 0.19-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |     |                                   |                                   |
|                             | 28-72 | ---  | ---  | 18-23 | 1.20-1.50                | 0.2-2                       | 0.03-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .24 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth       | Sand       | Silt       | Clay           | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter  | Erosion factors |            |   | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------------|------------|------------|----------------|--------------------------|-----------------------------|--------------------------------|------------------------------|--------------------|-----------------|------------|---|-----------------------------------|-----------------------------------|
|                             |             |            |            |                |                          |                             |                                |                              |                    | Kw              | Kf         | T |                                   |                                   |
|                             | In          | Pct        | Pct        | Pct            | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct                |                 |            |   |                                   |                                   |
| CcC3:<br>Christiana-----    | 0-7<br>7-72 | ---<br>--- | ---<br>--- | 28-75<br>28-75 | 1.20-1.50<br>1.30-1.40   | 0.0015-0.6<br>0.0015-0.6    | 0.14-0.20<br>0.14-0.20         | 3.0-5.9<br>3.0-5.9           | 0.5-2.0<br>0.0-0.5 | .28<br>.28      | .28<br>.28 | 4 | 4                                 | 86                                |
| CcD3:<br>Christiana-----    | 0-7<br>7-72 | ---<br>--- | ---<br>--- | 28-75<br>28-75 | 1.20-1.50<br>1.30-1.40   | 0.0015-0.6<br>0.0015-0.6    | 0.14-0.20<br>0.14-0.20         | 3.0-5.9<br>3.0-5.9           | 0.5-2.0<br>0.0-0.5 | .28<br>.28      | .28<br>.28 | 4 | 4                                 | 86                                |
| CcE3:<br>Christiana-----    | 0-7<br>7-72 | ---<br>--- | ---<br>--- | 28-75<br>28-75 | 1.20-1.50<br>1.30-1.40   | 0.0015-0.6<br>0.0015-0.6    | 0.14-0.20<br>0.14-0.20         | 3.0-5.9<br>3.0-5.9           | 0.5-2.0<br>0.0-0.5 | .28<br>.28      | .28<br>.28 | 4 | 4                                 | 86                                |
| CdA:<br>Christiana-----     | 0-7<br>7-72 | ---<br>--- | ---<br>--- | 10-26<br>28-75 | 1.25-1.50<br>1.30-1.40   | 0.2-2<br>0.0015-0.6         | 0.18-0.24<br>0.14-0.20         | 0.0-2.9<br>3.0-5.9           | 1.0-2.0<br>0.0-0.5 | .43<br>.28      | .43<br>.28 | 5 | ---                               | 56                                |
| CdB2:<br>Christiana-----    | 0-7<br>7-72 | ---<br>--- | ---<br>--- | 10-26<br>28-75 | 1.25-1.50<br>1.30-1.40   | 0.2-2<br>0.0015-0.6         | 0.18-0.24<br>0.14-0.20         | 0.0-2.9<br>3.0-5.9           | 1.0-2.0<br>0.0-0.5 | .43<br>.28      | .43<br>.28 | 5 | ---                               | 56                                |
| CdC2:<br>Christiana-----    | 0-7<br>7-72 | ---<br>--- | ---<br>--- | 10-26<br>28-75 | 1.25-1.50<br>1.30-1.40   | 0.2-2<br>0.0015-0.6         | 0.18-0.24<br>0.14-0.20         | 0.0-2.9<br>3.0-5.9           | 1.0-2.0<br>0.0-0.5 | .43<br>.28      | .43<br>.28 | 5 | ---                               | 56                                |
| CdD2:<br>Christiana-----    | 0-7<br>7-72 | ---<br>--- | ---<br>--- | 10-26<br>28-75 | 1.25-1.50<br>1.30-1.40   | 0.2-2<br>0.0015-0.6         | 0.18-0.24<br>0.14-0.20         | 0.0-2.9<br>3.0-5.9           | 1.0-2.0<br>0.0-0.5 | .43<br>.28      | .43<br>.28 | 5 | ---                               | 56                                |
| CeA:<br>Christiana-----     | 0-7<br>7-72 | ---<br>--- | ---<br>--- | 10-26<br>28-75 | 1.25-1.50<br>1.30-1.40   | 0.2-2<br>0.0015-0.6         | 0.18-0.24<br>0.14-0.20         | 0.0-2.9<br>3.0-5.9           | 1.0-2.0<br>0.0-0.5 | .43<br>.28      | .43<br>.28 | 5 | ---                               | 56                                |
| CeB2:<br>Christiana-----    | 0-7<br>7-72 | ---<br>--- | ---<br>--- | 10-26<br>28-75 | 1.25-1.50<br>1.30-1.40   | 0.2-2<br>0.0015-0.6         | 0.18-0.24<br>0.14-0.20         | 0.0-2.9<br>3.0-5.9           | 1.0-2.0<br>0.0-0.5 | .43<br>.28      | .43<br>.28 | 5 | ---                               | 56                                |
| CeC2:<br>Christiana-----    | 0-7<br>7-72 | ---<br>--- | ---<br>--- | 10-26<br>28-75 | 1.25-1.50<br>1.30-1.40   | 0.2-2<br>0.0015-0.6         | 0.18-0.24<br>0.14-0.20         | 0.0-2.9<br>3.0-5.9           | 1.0-2.0<br>0.0-0.5 | .43<br>.28      | .43<br>.28 | 5 | ---                               | 56                                |
| CeD2:<br>Christiana-----    | 0-7<br>7-72 | ---<br>--- | ---<br>--- | 10-26<br>28-75 | 1.25-1.50<br>1.30-1.40   | 0.2-2<br>0.0015-0.6         | 0.18-0.24<br>0.14-0.20         | 0.0-2.9<br>3.0-5.9           | 1.0-2.0<br>0.0-0.5 | .43<br>.28      | .43<br>.28 | 5 | ---                               | 56                                |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| CfB:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Christiana-----             | 0-7   | ---  | ---  | 10-26 | 1.25-1.50                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | 1.0-2.0           | .43             | .43 | 5   | ---                               | 56                                |
|                             | 7-72  | ---  | ---  | 28-75 | 1.30-1.40                | 0.0015-0.6                  | 0.14-0.20                      | 3.0-5.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| CfC:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Christiana-----             | 0-7   | ---  | ---  | 10-26 | 1.25-1.50                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | 1.0-2.0           | .43             | .43 | 5   | ---                               | 56                                |
|                             | 7-72  | ---  | ---  | 28-75 | 1.30-1.40                | 0.0015-0.6                  | 0.14-0.20                      | 3.0-5.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| CfE:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Christiana-----             | 0-7   | ---  | ---  | 10-26 | 1.25-1.50                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | 1.0-2.0           | .43             | .43 | 4   | ---                               | 56                                |
|                             | 7-72  | ---  | ---  | 28-75 | 1.30-1.40                | 0.0015-0.6                  | 0.14-0.20                      | 3.0-5.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| Cg:                         |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Clay Pits-----              | 0-7   | ---  | ---  | 28-75 | 1.20-1.50                | 0.0015-0.6                  | 0.14-0.20                      | 3.0-5.9                      | 0.5-2.0           | .28             | .28 | 5   | ---                               | 86                                |
|                             | 7-72  | ---  | ---  | 28-75 | 1.30-1.40                | 0.0015-0.6                  | 0.14-0.20                      | 3.0-5.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| Ch:                         |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Codorus-----                | 0-18  | ---  | ---  | 15-25 | 1.20-1.40                | 0.6-2                       | 0.14-0.20                      | 0.0-2.9                      | 2.0-4.0           | .49             | .37 | 5   | ---                               | 56                                |
|                             | 18-54 | ---  | ---  | 18-35 | 1.20-1.50                | 0.6-2                       | 0.14-0.18                      | 0.0-2.9                      | ---               | .37             | .37 |     |                                   |                                   |
|                             | 54-60 | ---  | ---  | 5-12  | 1.20-1.50                | 2-20                        | 0.04-0.08                      | 0.0-2.9                      | ---               | .24             | .28 |     |                                   |                                   |
| Ck:                         |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Codorus-----                | 0-18  | ---  | ---  | 15-25 | 1.20-1.40                | 0.6-2                       | 0.14-0.20                      | 0.0-2.9                      | 2.0-4.0           | .49             | .37 | 5   | ---                               | 56                                |
|                             | 18-54 | ---  | ---  | 18-35 | 1.20-1.50                | 0.6-2                       | 0.14-0.18                      | 0.0-2.9                      | ---               | .37             | .37 |     |                                   |                                   |
|                             | 54-60 | ---  | ---  | 5-12  | 1.20-1.50                | 2-20                        | 0.04-0.08                      | 0.0-2.9                      | ---               | .24             | .28 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| Cl:                         |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Colemantown-----            | 0-10  | ---  | ---  | 10-35 | 1.20-1.50                | 0.2-2                       | 0.18-0.24                      | 3.0-5.9                      | 2.0-6.0           | .43             | .43 | 3   | ---                               | 0                                 |
|                             | 10-30 | ---  | ---  | 35-60 | 1.20-1.70                | 0.06-0.2                    | 0.20-0.24                      | 3.0-5.9                      | ---               | .37             | .37 |     |                                   |                                   |
|                             | 30-60 | ---  | ---  | 10-50 | 1.35-1.70                | 0.2-0.6                     | 0.16-0.20                      | 0.0-2.9                      | ---               | .37             | .37 |     |                                   |                                   |
| CmA:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Collington-----             | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5   | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |   | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |   |                                   |                                   |
| CmB2:<br>Collington-----    | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5 | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |   |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| CmC2:<br>Collington-----    | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5 | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |   |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| CmC3:<br>Collington-----    | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 4 | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |   |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| CmD2:<br>Collington-----    | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5 | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |   |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| CmD3:<br>Collington-----    | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 4 | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |   |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| CmE2:<br>Collington-----    | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5 | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |   |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| CmE3:<br>Collington-----    | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 4 | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |   |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| CnB2:<br>Collington-----    | 0-13  | ---  | ---  | 5-10  | 1.25-1.50                | 6-20                        | 0.07-0.10                      | 0.0-2.9                      | 1.0-3.0           | .20             | .20 | 5 | 2                                 | 134                               |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |   |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| CnC2:<br>Collington-----    | 0-13  | ---  | ---  | 5-10  | 1.25-1.50                | 6-20                        | 0.07-0.10                      | 0.0-2.9                      | 1.0-3.0           | .20             | .20 | 5 | 2                                 | 134                               |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |   |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| CnD2:<br>Collington-----    | 0-13  | ---  | ---  | 5-10  | 1.25-1.50                | 6-20                        | 0.07-0.10                      | 0.0-2.9                      | 1.0-3.0           | .20             | .20 | 5   | 2                                 | 134                               |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| CoA:<br>Collington-----     | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5   | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| CoB2:<br>Collington-----    | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5   | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| CoC3:<br>Collington-----    | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 4   | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| CpB:<br>Collington-----     | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5   | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| CpC:<br>Collington-----     | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5   | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| Cr:<br>Comus-----           | 0-30  | ---  | ---  | 5-18  | 1.20-1.40                | 0.6-2                       | 0.13-0.21                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 5   | ---                               | 56                                |
|                             | 30-60 | ---  | ---  | 5-34  | 1.30-1.60                | 0.6-6                       | 0.07-0.21                      | 0.0-2.9                      | ---               | .28             | .32 |     |                                   |                                   |
| CsB2:<br>Croom-----         | 0-12  | ---  | ---  | 10-23 | 1.20-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .43             | .49 | 5   | ---                               | 56                                |
|                             | 12-28 | ---  | ---  | 10-35 | 1.30-1.50                | 0.2-2                       | 0.05-0.10                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 28-48 | ---  | ---  | 5-30  | 1.30-1.50                | 0.6-20                      | 0.04-0.07                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 48-99 | ---  | ---  | 5-20  | 1.30-1.50                | 0.6-20                      | 0.03-0.13                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |



Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| CsC2:<br>Croom-----         | 0-12  | ---  | ---  | 10-23 | 1.20-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .43             | .49 | 5   | ---                               | 56                                |
|                             | 12-28 | ---  | ---  | 10-35 | 1.30-1.50                | 0.2-2                       | 0.05-0.10                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 28-48 | ---  | ---  | 5-30  | 1.30-1.50                | 0.6-20                      | 0.04-0.07                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 48-99 | ---  | ---  | 5-20  | 1.30-1.50                | 0.6-20                      | 0.03-0.13                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
| CsC3:<br>Croom-----         | 0-12  | ---  | ---  | 10-23 | 1.20-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .43             | .64 | 4   | 5                                 | 56                                |
|                             | 12-28 | ---  | ---  | 10-35 | 1.30-1.50                | 0.2-2                       | 0.05-0.10                      | 0.0-2.9                      | ---               | .17             | .49 |     |                                   |                                   |
|                             | 28-48 | ---  | ---  | 5-30  | 1.30-1.50                | 0.6-20                      | 0.04-0.07                      | 0.0-2.9                      | ---               | .17             | .55 |     |                                   |                                   |
|                             | 48-99 | ---  | ---  | 5-20  | 1.30-1.50                | 0.6-20                      | 0.03-0.13                      | 0.0-2.9                      | ---               | .17             | .55 |     |                                   |                                   |
| CtB2:<br>Croom-----         | 0-12  | ---  | ---  | 10-23 | 1.20-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .43             | .49 | 5   | ---                               | 56                                |
|                             | 12-28 | ---  | ---  | 10-35 | 1.30-1.50                | 0.2-2                       | 0.05-0.10                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 28-48 | ---  | ---  | 5-30  | 1.30-1.50                | 0.6-20                      | 0.04-0.07                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 48-99 | ---  | ---  | 5-20  | 1.30-1.50                | 0.6-20                      | 0.03-0.13                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
| CtC2:<br>Croom-----         | 0-12  | ---  | ---  | 10-23 | 1.20-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .43             | .49 | 5   | ---                               | 56                                |
|                             | 12-28 | ---  | ---  | 10-35 | 1.30-1.50                | 0.2-2                       | 0.05-0.10                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 28-48 | ---  | ---  | 5-30  | 1.30-1.50                | 0.6-20                      | 0.04-0.07                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 48-99 | ---  | ---  | 5-20  | 1.30-1.50                | 0.6-20                      | 0.03-0.13                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
| CtC3:<br>Croom-----         | 0-12  | ---  | ---  | 10-23 | 1.20-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .43             | .64 | 4   | 5                                 | 56                                |
|                             | 12-28 | ---  | ---  | 10-35 | 1.30-1.50                | 0.2-2                       | 0.05-0.10                      | 0.0-2.9                      | ---               | .17             | .49 |     |                                   |                                   |
|                             | 28-48 | ---  | ---  | 5-30  | 1.30-1.50                | 0.6-20                      | 0.04-0.07                      | 0.0-2.9                      | ---               | .17             | .55 |     |                                   |                                   |
|                             | 48-99 | ---  | ---  | 5-20  | 1.30-1.50                | 0.6-20                      | 0.03-0.13                      | 0.0-2.9                      | ---               | .17             | .55 |     |                                   |                                   |
| CtD2:<br>Croom-----         | 0-12  | ---  | ---  | 10-23 | 1.20-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .43             | .49 | 5   | ---                               | 56                                |
|                             | 12-28 | ---  | ---  | 10-35 | 1.30-1.50                | 0.2-2                       | 0.05-0.10                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 28-48 | ---  | ---  | 5-30  | 1.30-1.50                | 0.6-20                      | 0.04-0.07                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 48-99 | ---  | ---  | 5-20  | 1.30-1.50                | 0.6-20                      | 0.03-0.13                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
| CuB:<br>Croom-----          | 0-12  | ---  | ---  | 10-23 | 1.20-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .43             | .49 | 5   | ---                               | 56                                |
|                             | 12-28 | ---  | ---  | 10-35 | 1.30-1.50                | 0.2-2                       | 0.05-0.10                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 28-48 | ---  | ---  | 5-30  | 1.30-1.50                | 0.6-20                      | 0.04-0.07                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 48-99 | ---  | ---  | 5-20  | 1.30-1.50                | 0.6-20                      | 0.03-0.13                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| CuC:<br>Croom-----          | 0-12  | ---  | ---  | 10-23 | 1.20-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .43             | .49 | 5   | ---                               | 56                                |
|                             | 12-28 | ---  | ---  | 10-35 | 1.30-1.50                | 0.2-2                       | 0.05-0.10                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 28-48 | ---  | ---  | 5-30  | 1.30-1.50                | 0.6-20                      | 0.04-0.07                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 48-99 | ---  | ---  | 5-20  | 1.30-1.50                | 0.6-20                      | 0.03-0.13                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| CuE:<br>Croom-----          | 0-12  | ---  | ---  | 10-23 | 1.20-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .43             | .49 | 5   | ---                               | 56                                |
|                             | 12-28 | ---  | ---  | 10-35 | 1.30-1.50                | 0.2-2                       | 0.05-0.10                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 28-48 | ---  | ---  | 5-30  | 1.30-1.50                | 0.6-20                      | 0.04-0.07                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
|                             | 48-99 | ---  | ---  | 5-20  | 1.30-1.50                | 0.6-20                      | 0.03-0.13                      | 0.0-2.9                      | ---               | .17             | .24 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| DoA:<br>Donlonton-----      | 0-12  | ---  | ---  | 5-20  | ---                      | 0.2-2                       | 0.12-0.22                      | 0.0-2.9                      | 1.0-4.0           | .43             | .43 | 3   | ---                               | 86                                |
|                             | 12-50 | ---  | ---  | 30-50 | ---                      | 0.06-0.2                    | 0.18-0.24                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 50-60 | ---  | ---  | 15-35 | ---                      | 0.2-2                       | 0.12-0.22                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
| DoB2:<br>Donlonton-----     | 0-12  | ---  | ---  | 5-20  | ---                      | 0.2-2                       | 0.12-0.22                      | 0.0-2.9                      | 1.0-4.0           | .43             | .43 | 3   | ---                               | 86                                |
|                             | 12-50 | ---  | ---  | 30-50 | ---                      | 0.06-0.2                    | 0.18-0.24                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 50-60 | ---  | ---  | 15-35 | ---                      | 0.2-2                       | 0.12-0.22                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
| Ek:<br>Elkton-----          | 0-10  | ---  | ---  | 11-25 | 1.20-1.50                | 0.6-2                       | 0.18-0.24                      | 0.0-2.9                      | 1.0-4.0           | .43             | .43 | 5   | 5                                 | 56                                |
|                             | 10-40 | ---  | ---  | 27-45 | 1.35-1.55                | 0.06-0.2                    | 0.12-0.19                      | 3.0-5.9                      | 0.0-0.5           | .32             | .32 |     |                                   |                                   |
|                             | 40-65 | ---  | ---  | 15-20 | 1.45-1.65                | 0.2-0.6                     | 0.10-0.15                      | 0.0-2.9                      | 0.0-0.5           | .32             | .32 |     |                                   |                                   |
| ElB:<br>Elkton-----         | 0-10  | ---  | ---  | 11-20 | 1.25-1.55                | 0.6-2                       | 0.10-0.15                      | 0.0-2.9                      | 1.0-4.0           | .24             | .24 | 5   | 3                                 | 86                                |
|                             | 10-36 | ---  | ---  | 27-45 | 1.35-1.55                | 0.06-0.2                    | 0.12-0.19                      | 3.0-5.9                      | 0.0-0.5           | .32             | .32 |     |                                   |                                   |
|                             | 36-60 | ---  | ---  | 15-20 | 1.45-1.65                | 0.2-0.6                     | 0.10-0.15                      | 0.0-2.9                      | 0.0-0.5           | .32             | .32 |     |                                   |                                   |
| EmA:<br>Elsinboro-----      | 0-15  | ---  | ---  | 8-18  | 1.25-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 5   | 5                                 | 56                                |
|                             | 15-36 | ---  | ---  | 18-34 | 1.30-1.50                | 0.6-2                       | 0.12-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 36-60 | ---  | ---  | 8-34  | 1.35-1.55                | 0.6-6                       | 0.06-0.14                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| EmB2:<br>Elsinboro-----     | 0-15  | ---  | ---  | 8-18  | 1.25-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 5   | 5                                 | 56                                |
|                             | 15-36 | ---  | ---  | 18-34 | 1.30-1.50                | 0.6-2                       | 0.12-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 36-60 | ---  | ---  | 8-34  | 1.35-1.55                | 0.6-6                       | 0.06-0.14                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| EnA:<br>Elsinboro-----      | 0-15  | ---  | ---  | 8-18  | 1.25-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 5   | 5                                 | 56                                |
|                             | 15-36 | ---  | ---  | 18-34 | 1.30-1.50                | 0.6-2                       | 0.12-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 36-60 | ---  | ---  | 8-34  | 1.35-1.55                | 0.6-6                       | 0.06-0.14                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| EnB2:<br>Elsinboro-----     | 0-15  | ---  | ---  | 8-18  | 1.25-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 5   | 5                                 | 56                                |
|                             | 15-36 | ---  | ---  | 18-34 | 1.30-1.50                | 0.6-2                       | 0.12-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 36-60 | ---  | ---  | 8-34  | 1.35-1.55                | 0.6-6                       | 0.06-0.14                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| EnC2:<br>Elsinboro-----     | 0-15  | ---  | ---  | 8-18  | 1.25-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 5   | 5                                 | 56                                |
|                             | 15-36 | ---  | ---  | 18-34 | 1.30-1.50                | 0.6-2                       | 0.12-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 36-60 | ---  | ---  | 8-34  | 1.35-1.55                | 0.6-6                       | 0.06-0.14                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| EuB:<br>Elsinboro-----      | 0-15  | ---  | ---  | 8-18  | 1.25-1.40                | 0.6-2                       | 0.10-0.18                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 5   | 5                                 | 56                                |
|                             | 15-36 | ---  | ---  | 18-34 | 1.30-1.50                | 0.6-2                       | 0.12-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 36-60 | ---  | ---  | 8-34  | 1.35-1.55                | 0.6-6                       | 0.06-0.14                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| F1:<br>Fallsington-----     | 0-11  | ---  | ---  | 5-18  | 1.00-1.45                | 0.6-2                       | 0.18-0.24                      | 0.0-2.9                      | 0.5-2.0           | .32             | .32 | 5   | 5                                 | 56                                |
|                             | 11-27 | ---  | ---  | 18-30 | 1.50-1.80                | 0.2-2                       | 0.15-0.18                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 27-60 | ---  | ---  | 2-30  | 1.50-1.85                | 0.6-20                      | 0.06-0.20                      | 0.0-2.9                      | 0.0-0.5           | .20             | .20 |     |                                   |                                   |
| Fs:<br>Fallsington-----     | 0-11  | ---  | ---  | 5-18  | 1.00-1.45                | 0.6-6                       | 0.15-0.20                      | 0.0-2.9                      | 0.5-2.0           | .24             | .24 | 5   | 3                                 | 86                                |
|                             | 11-27 | ---  | ---  | 18-30 | 1.50-1.80                | 0.2-2                       | 0.15-0.18                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 27-60 | ---  | ---  | 2-30  | 1.50-1.85                | 0.6-20                      | 0.06-0.20                      | 0.0-2.9                      | 0.0-0.5           | .20             | .20 |     |                                   |                                   |
| Fu:<br>Fallsington-----     | 0-11  | ---  | ---  | 5-18  | 1.00-1.45                | 0.6-6                       | 0.15-0.20                      | 0.0-2.9                      | 0.5-2.0           | .24             | .24 | 5   | 3                                 | 86                                |
|                             | 11-27 | ---  | ---  | 18-30 | 1.50-1.80                | 0.2-2                       | 0.15-0.18                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 27-60 | ---  | ---  | 2-30  | 1.50-1.85                | 0.6-20                      | 0.06-0.20                      | 0.0-2.9                      | 0.0-0.5           | .20             | .20 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| GaB:<br>Galestown-----      | 0-40  | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.05-0.07                      | 0.0-2.9                      | 0.5-2.0           | .17             | .17 | 5   | ---                               | 134                               |
|                             | 40-60 | ---  | ---  | 2-6   | 1.50-1.65                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | ---               | .17             | .20 |     |                                   |                                   |
| GaC:<br>Galestown-----      | 0-40  | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.05-0.07                      | 0.0-2.9                      | 0.5-2.0           | .17             | .17 | 5   | 2                                 | 134                               |
|                             | 40-60 | ---  | ---  | 2-6   | 1.50-1.65                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | ---               | .17             | .20 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| GdB:<br>Galestown-----      | 0-11  | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.06-0.08                      | 0.0-2.9                      | 0.5-2.0           | .17             | .17 | 5   | 2                                 | 134                               |
|                             | 11-40 | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |     |                                   |                                   |
|                             | 40-65 | ---  | ---  | 2-6   | 1.50-1.65                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| GdC:<br>Galestown-----      | 0-11  | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.06-0.08                      | 0.0-2.9                      | 0.5-2.0           | .17             | .17 | 5   | 2                                 | 134                               |
|                             | 11-40 | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |     |                                   |                                   |
|                             | 40-65 | ---  | ---  | 2-6   | 1.50-1.65                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| GeB:<br>Galestown-----      | 0-11  | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.06-0.08                      | 0.0-2.9                      | 0.5-2.0           | .17             | .17 | 5   | 2                                 | 134                               |
|                             | 11-40 | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |     |                                   |                                   |
|                             | 40-65 | ---  | ---  | 2-6   | 1.50-1.65                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| Evesboro-----               | 0-16  | ---  | ---  | 1-4   | 1.20-1.55                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5   | 2                                 | 134                               |
|                             | 16-30 | ---  | ---  | 3-6   | 1.30-1.60                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |     |                                   |                                   |
|                             | 30-72 | ---  | ---  | 1-10  | 1.30-1.60                | 2-20                        | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |     |                                   |                                   |
| GeC:<br>Galestown-----      | 0-11  | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.06-0.08                      | 0.0-2.9                      | 0.5-2.0           | .17             | .17 | 5   | 2                                 | 134                               |
|                             | 11-40 | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |     |                                   |                                   |
|                             | 40-65 | ---  | ---  | 2-6   | 1.50-1.65                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| Evesboro-----               | 0-16  | ---  | ---  | 1-4   | 1.20-1.55                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5   | 2                                 | 134                               |
|                             | 16-30 | ---  | ---  | 3-6   | 1.30-1.60                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |     |                                   |                                   |
|                             | 30-72 | ---  | ---  | 1-10  | 1.30-1.60                | 2-20                        | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |     |                                   |                                   |
| GmB:<br>Galestown-----      | 0-11  | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.06-0.08                      | 0.0-2.9                      | 0.5-2.0           | .17             | .17 | 5   | 2                                 | 134                               |
|                             | 11-40 | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |     |                                   |                                   |
|                             | 40-65 | ---  | ---  | 2-6   | 1.50-1.65                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| GmC:<br>Galestown-----      | 0-11  | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.06-0.08                      | 0.0-2.9                      | 0.5-2.0           | .17             | .17 | 5   | 2                                 | 134                               |
|                             | 11-40 | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |     |                                   |                                   |
|                             | 40-65 | ---  | ---  | 2-6   | 1.50-1.65                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| GnC2:<br>Glenelg-----       | 0-6   | ---  | ---  | 15-25 | 1.10-1.40                | 0.6-2                       | 0.14-0.24                      | 0.0-2.9                      | 1.0-3.0           | .32             | .32 | 5   | ---                               | 48                                |
|                             | 6-24  | ---  | ---  | 20-32 | 1.20-1.60                | 0.6-2                       | 0.14-0.20                      | 0.0-2.9                      | 0.0-0.5           | .43             | .49 |     |                                   |                                   |
|                             | 24-65 | ---  | ---  | 5-20  | 1.20-1.40                | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | 0.0-0.5           | .49             | .55 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| GoB:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Glenelg-----                | 0-6   | ---  | ---  | 15-25 | 1.10-1.40                | 0.6-2                       | 0.14-0.24                      | 0.0-2.9                      | 1.0-3.0           | .32             | .32 | 5   | ---                               | 48                                |
|                             | 6-24  | ---  | ---  | 20-32 | 1.20-1.60                | 0.6-2                       | 0.14-0.20                      | 0.0-2.9                      | 0.0-0.5           | .43             | .49 |     |                                   |                                   |
|                             | 24-65 | ---  | ---  | 5-20  | 1.20-1.40                | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | 0.0-0.5           | .49             | .55 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| Gp:                         |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Gravel And Borrow Pi        | 0-6   | ---  | ---  | 0-1   | ---                      | 6-20                        | 0.01-0.02                      | 0.0-2.9                      | 0.0-0.1           | .02             | --- | --- | 8                                 | 0                                 |
|                             | 6-60  | ---  | ---  | 0-1   | ---                      | 6-20                        | 0.01-0.02                      | 0.0-2.9                      | ---               | .02             | --- |     |                                   |                                   |
| Ha:                         |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Hatboro-----                | 0-9   | ---  | ---  | 10-20 | 1.20-1.40                | 0.6-2                       | 0.16-0.22                      | 0.0-2.9                      | 1.0-4.0           | .49             | .37 | 5   | ---                               | 56                                |
|                             | 9-44  | ---  | ---  | 15-35 | 1.20-1.40                | 0.6-2                       | 0.16-0.20                      | 0.0-2.9                      | ---               | .32             | .20 |     |                                   |                                   |
|                             | 44-56 | ---  | ---  | 10-35 | 1.20-1.50                | 0.6-2                       | 0.10-0.14                      | 0.0-2.9                      | ---               | .20             | .20 |     |                                   |                                   |
|                             | 56-70 | ---  | ---  | 5-45  | 1.10-1.60                | 2-6                         | 0.04-0.08                      | 0.0-2.9                      | ---               | .20             | --- |     |                                   |                                   |
| HcC3:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Howell-----                 | 0-8   | ---  | ---  | 9-15  | ---                      | 0.2-2                       | 0.13-0.24                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 5   | 5                                 | 56                                |
|                             | 8-14  | ---  | ---  | 20-35 | ---                      | 0.2-0.6                     | 0.14-0.18                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 14-46 | ---  | ---  | 35-50 | ---                      | 0.2-0.6                     | 0.14-0.22                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 46-60 | ---  | ---  | 25-50 | ---                      | 0.2-2                       | 0.14-0.27                      | 3.0-5.9                      | ---               | .28             | .32 |     |                                   |                                   |
| HcD3:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Howell-----                 | 0-8   | ---  | ---  | 9-15  | ---                      | 0.2-2                       | 0.13-0.24                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 4   | 5                                 | 56                                |
|                             | 8-14  | ---  | ---  | 20-35 | ---                      | 0.2-0.6                     | 0.14-0.18                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 14-46 | ---  | ---  | 35-50 | ---                      | 0.2-0.6                     | 0.14-0.22                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 46-60 | ---  | ---  | 25-50 | ---                      | 0.2-2                       | 0.14-0.27                      | 3.0-5.9                      | ---               | .28             | .32 |     |                                   |                                   |
| HoB2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Howell-----                 | 0-8   | ---  | ---  | 9-15  | ---                      | 0.2-2                       | 0.13-0.24                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 5   | ---                               | 56                                |
|                             | 8-14  | ---  | ---  | 20-35 | ---                      | 0.2-0.6                     | 0.14-0.18                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 14-46 | ---  | ---  | 35-50 | ---                      | 0.2-0.6                     | 0.14-0.22                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 46-60 | ---  | ---  | 25-50 | ---                      | 0.2-2                       | 0.14-0.27                      | 3.0-5.9                      | ---               | .28             | .32 |     |                                   |                                   |
| HoC2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Howell-----                 | 0-8   | ---  | ---  | 9-15  | ---                      | 0.2-2                       | 0.13-0.24                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 5   | ---                               | 56                                |
|                             | 8-14  | ---  | ---  | 20-35 | ---                      | 0.2-0.6                     | 0.14-0.18                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 14-46 | ---  | ---  | 35-50 | ---                      | 0.2-0.6                     | 0.14-0.22                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 46-60 | ---  | ---  | 25-50 | ---                      | 0.2-2                       | 0.14-0.27                      | 3.0-5.9                      | ---               | .28             | .32 |     |                                   |                                   |
| HwB2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Howell-----                 | 0-8   | ---  | ---  | 9-15  | ---                      | 0.2-2                       | 0.13-0.24                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 5   | ---                               | 56                                |
|                             | 8-14  | ---  | ---  | 20-35 | ---                      | 0.2-0.6                     | 0.14-0.18                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 14-46 | ---  | ---  | 35-50 | ---                      | 0.2-0.6                     | 0.14-0.22                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 46-60 | ---  | ---  | 25-50 | ---                      | 0.2-2                       | 0.14-0.27                      | 3.0-5.9                      | ---               | .28             | .32 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |   | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |   |                                   |                                   |
| HwC2:<br>Howell-----        | 0-8   | ---  | ---  | 9-15  | ---                      | 0.2-2                       | 0.13-0.24                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 5 | ---                               | 56                                |
|                             | 8-14  | ---  | ---  | 20-35 | ---                      | 0.2-0.6                     | 0.14-0.18                      | 3.0-5.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 14-46 | ---  | ---  | 35-50 | ---                      | 0.2-0.6                     | 0.14-0.22                      | 3.0-5.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 46-60 | ---  | ---  | 25-50 | ---                      | 0.2-2                       | 0.14-0.27                      | 3.0-5.9                      | ---               | .28             | .32 |   |                                   |                                   |
| HwD2:<br>Howell-----        | 0-8   | ---  | ---  | 9-15  | ---                      | 0.2-2                       | 0.13-0.24                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 5 | ---                               | 56                                |
|                             | 8-14  | ---  | ---  | 20-35 | ---                      | 0.2-0.6                     | 0.14-0.18                      | 3.0-5.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 14-46 | ---  | ---  | 35-50 | ---                      | 0.2-0.6                     | 0.14-0.22                      | 3.0-5.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 46-60 | ---  | ---  | 25-50 | ---                      | 0.2-2                       | 0.14-0.27                      | 3.0-5.9                      | ---               | .28             | .32 |   |                                   |                                   |
| HwE2:<br>Howell-----        | 0-8   | ---  | ---  | 9-15  | ---                      | 0.2-2                       | 0.13-0.24                      | 0.0-2.9                      | 1.0-3.0           | .43             | .43 | 5 | ---                               | 56                                |
|                             | 8-14  | ---  | ---  | 20-35 | ---                      | 0.2-0.6                     | 0.14-0.18                      | 3.0-5.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 14-46 | ---  | ---  | 35-50 | ---                      | 0.2-0.6                     | 0.14-0.22                      | 3.0-5.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 46-60 | ---  | ---  | 25-50 | ---                      | 0.2-2                       | 0.14-0.27                      | 3.0-5.9                      | ---               | .28             | .32 |   |                                   |                                   |
| Hy:<br>Hyde-----            | 0-17  | ---  | ---  | 5-18  | 1.30-1.50                | 0.6-2                       | 0.13-0.20                      | 0.0-2.9                      | 3.0-10            | .17             | .17 | 5 | 5                                 | 56                                |
|                             | 17-54 | ---  | ---  | 18-35 | 1.30-1.40                | 0.2-0.6                     | 0.15-0.20                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 54-72 | ---  | ---  | ---   | ---                      | ---                         | ---                            | ---                          | ---               | ---             | --- |   |                                   |                                   |
| Ik:<br>Iuka-----            | 0-13  | ---  | ---  | 6-15  | ---                      | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | 0.5-2.0           | .24             | .24 | 5 | ---                               | 86                                |
|                             | 13-22 | ---  | ---  | 8-18  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 22-60 | ---  | ---  | 5-15  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .20             | .20 |   |                                   |                                   |
| ImA:<br>Iuka-----           | 0-13  | ---  | ---  | 6-15  | ---                      | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | 0.5-2.0           | .24             | .24 | 5 | ---                               | 86                                |
|                             | 13-22 | ---  | ---  | 8-18  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 22-60 | ---  | ---  | 5-15  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .20             | .20 |   |                                   |                                   |
| ImB:<br>Iuka-----           | 0-13  | ---  | ---  | 6-15  | ---                      | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | 0.5-2.0           | .24             | .24 | 5 | ---                               | 86                                |
|                             | 13-22 | ---  | ---  | 8-18  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 22-60 | ---  | ---  | 5-15  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .20             | .20 |   |                                   |                                   |
| In:<br>Iuka-----            | 0-13  | ---  | ---  | 6-15  | ---                      | 0.6-2                       | 0.15-0.20                      | 0.0-2.9                      | 0.5-2.0           | .37             | .37 | 5 | ---                               | 48                                |
|                             | 13-22 | ---  | ---  | 8-18  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 22-60 | ---  | ---  | 5-15  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .20             | .20 |   |                                   |                                   |
| IoA:<br>Iuka-----           | 0-13  | ---  | ---  | 6-15  | ---                      | 0.6-2                       | 0.15-0.20                      | 0.0-2.9                      | 0.5-2.0           | .37             | .37 | 5 | ---                               | 48                                |
|                             | 13-22 | ---  | ---  | 8-18  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 22-60 | ---  | ---  | 5-15  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .20             | .20 |   |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| IoB:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Iuka-----                   | 0-13  | ---  | ---  | 6-15  | ---                      | 0.6-2                       | 0.15-0.20                      | 0.0-2.9                      | 0.5-2.0           | .37             | .37 | 5   | ---                               | 48                                |
|                             | 13-22 | ---  | ---  | 8-18  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 22-60 | ---  | ---  | 5-15  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .20             | .20 |     |                                   |                                   |
| Iu:                         |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Iuka-----                   | 0-13  | ---  | ---  | 6-15  | ---                      | 0.6-2                       | 0.15-0.20                      | 0.0-2.9                      | 0.5-2.0           | .37             | .37 | 5   | ---                               | 48                                |
|                             | 13-22 | ---  | ---  | 8-18  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 22-60 | ---  | ---  | 5-15  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .20             | .20 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| Ix:                         |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Iuka-----                   | 0-13  | ---  | ---  | 6-15  | ---                      | 0.6-2                       | 0.15-0.20                      | 0.0-2.9                      | 0.5-2.0           | .37             | .37 | 5   | ---                               | 48                                |
|                             | 13-22 | ---  | ---  | 8-18  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 22-60 | ---  | ---  | 5-15  | ---                      | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | ---               | .20             | .20 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| Jo:                         |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Johnston-----               | 0-30  | ---  | ---  | 5-18  | 1.30-1.55                | 2-6                         | 0.10-0.20                      | 0.0-2.9                      | 3.0-8.0           | .20             | .20 | 5   | 5                                 | 56                                |
|                             | 30-34 | ---  | ---  | 2-12  | 1.55-1.65                | 6-20                        | 0.02-0.07                      | 0.0-2.9                      | ---               | .17             | .17 |     |                                   |                                   |
|                             | 34-60 | ---  | ---  | 5-20  | 1.45-1.65                | 6-20                        | 0.06-0.12                      | 0.0-2.9                      | ---               | .17             | .17 |     |                                   |                                   |
| Johnston-----               | 0-30  | ---  | ---  | 5-18  | 1.30-1.55                | 2-6                         | 0.10-0.20                      | 0.0-2.9                      | 3.0-8.0           | .20             | .20 | 5   | 5                                 | 56                                |
|                             | 30-34 | ---  | ---  | 2-12  | 1.55-1.65                | 6-20                        | 0.02-0.07                      | 0.0-2.9                      | ---               | .17             | .17 |     |                                   |                                   |
|                             | 34-60 | ---  | ---  | 5-20  | 1.45-1.65                | 6-20                        | 0.06-0.12                      | 0.0-2.9                      | ---               | .17             | .17 |     |                                   |                                   |
| Ju:                         |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Johnston-----               | 0-30  | ---  | ---  | 5-18  | 1.30-1.55                | 2-6                         | 0.10-0.20                      | 0.0-2.9                      | 3.0-8.0           | .20             | .20 | 5   | 5                                 | 56                                |
|                             | 30-34 | ---  | ---  | 2-12  | 1.55-1.65                | 6-20                        | 0.02-0.07                      | 0.0-2.9                      | ---               | .17             | .17 |     |                                   |                                   |
|                             | 34-60 | ---  | ---  | 5-20  | 1.45-1.65                | 6-20                        | 0.06-0.12                      | 0.0-2.9                      | ---               | .17             | .17 |     |                                   |                                   |
| Urban Land-----             | 0-60  | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| KeA:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Keyport-----                | 0-10  | ---  | ---  | 5-20  | 1.20-1.60                | 0.6-6                       | 0.12-0.16                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 3   | 3                                 | 86                                |
|                             | 10-60 | ---  | ---  | 30-50 | 1.35-1.60                | 0.06-0.2                    | 0.14-0.20                      | 3.0-5.9                      | 0.0-0.5           | .32             | .32 |     |                                   |                                   |
| KeB2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Keyport-----                | 0-10  | ---  | ---  | 5-20  | 1.20-1.60                | 0.6-6                       | 0.12-0.16                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 3   | 3                                 | 86                                |
|                             | 10-60 | ---  | ---  | 30-50 | 1.35-1.60                | 0.06-0.2                    | 0.14-0.20                      | 3.0-5.9                      | 0.0-0.5           | .32             | .32 |     |                                   |                                   |
| KeC2:                       |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Keyport-----                | 0-10  | ---  | ---  | 5-20  | 1.20-1.60                | 0.6-6                       | 0.12-0.16                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 3   | 3                                 | 86                                |
|                             | 10-60 | ---  | ---  | 30-50 | 1.35-1.60                | 0.06-0.2                    | 0.14-0.20                      | 3.0-5.9                      | 0.0-0.5           | .32             | .32 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth                  | Sand              | Silt              | Clay                    | Moist<br>bulk<br>density            | Permea-<br>bility<br>(Ksat)       | Available<br>water<br>capacity      | Linear<br>extensi-<br>bility  | Organic<br>matter             | Erosion factors   |                   |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|------------------------|-------------------|-------------------|-------------------------|-------------------------------------|-----------------------------------|-------------------------------------|-------------------------------|-------------------------------|-------------------|-------------------|-----|-----------------------------------|-----------------------------------|
|                             |                        |                   |                   |                         |                                     |                                   |                                     |                               |                               | Kw                | Kf                | T   |                                   |                                   |
|                             | In                     | Pct               | Pct               | Pct                     | g/cc                                | In/hr                             | In/in                               | Pct                           | Pct                           |                   |                   |     |                                   |                                   |
| KpA:<br>Keyport-----        | 0-10<br>10-60          | ---<br>---        | ---<br>---        | 10-25<br>30-50          | 1.20-1.60<br>1.35-1.60              | 0.2-2<br>0.06-0.2                 | 0.16-0.22<br>0.14-0.20              | 0.0-2.9<br>3.0-5.9            | 1.0-3.0<br>0.0-0.5            | .43<br>.32        | .43<br>.32        | 3   | 5                                 | 56                                |
| KpB2:<br>Keyport-----       | 0-10<br>10-60          | ---<br>---        | ---<br>---        | 10-25<br>30-50          | 1.20-1.60<br>1.35-1.60              | 0.2-2<br>0.06-0.2                 | 0.16-0.22<br>0.14-0.20              | 0.0-2.9<br>3.0-5.9            | 1.0-3.0<br>0.0-0.5            | .43<br>.32        | .43<br>.32        | 3   | 5                                 | 56                                |
| KpC2:<br>Keyport-----       | 0-10<br>10-60          | ---<br>---        | ---<br>---        | 10-25<br>30-50          | 1.20-1.60<br>1.35-1.60              | 0.2-2<br>0.06-0.2                 | 0.16-0.22<br>0.14-0.20              | 0.0-2.9<br>3.0-5.9            | 1.0-3.0<br>0.0-0.5            | .43<br>.32        | .43<br>.32        | 3   | 5                                 | 56                                |
| KrC3:<br>Keyport-----       | 0-10<br>10-60          | ---<br>---        | ---<br>---        | 10-25<br>30-50          | 1.20-1.60<br>1.35-1.60              | 0.2-2<br>0.06-0.2                 | 0.16-0.22<br>0.14-0.20              | 0.0-2.9<br>3.0-5.9            | 1.0-3.0<br>0.0-0.5            | .43<br>.32        | .43<br>.32        | 3   | 5                                 | 56                                |
| KuB:<br>Keyport-----        | 0-10<br>10-60          | ---<br>---        | ---<br>---        | 10-25<br>30-50          | 1.20-1.60<br>1.35-1.60              | 0.2-2<br>0.06-0.2                 | 0.16-0.22<br>0.14-0.20              | 0.0-2.9<br>3.0-5.9            | 1.0-3.0<br>0.0-0.5            | .43<br>.32        | .43<br>.32        | 3   | 5                                 | 56                                |
| Urban Land-----             | 0-6                    | ---               | ---               | ---                     | ---                                 | ---                               | 0.00-0.00                           | ---                           | ---                           | ---               | ---               | --- | ---                               | ---                               |
| Ky:<br>Klej-----            | 0-39<br>39-47<br>47-60 | ---<br>---<br>--- | ---<br>---<br>--- | 2-10<br>2-10<br>10-27   | 1.30-1.60<br>1.50-1.75<br>1.40-1.55 | 6-20<br>6-20<br>0.0015-2          | 0.06-0.11<br>0.06-0.08<br>0.11-0.17 | 0.0-2.9<br>0.0-2.9<br>0.0-2.9 | 1.0-3.0<br>0.0-0.5<br>0.0-0.5 | .17<br>.17<br>.24 | .17<br>.17<br>.24 | 5   | 2                                 | 134                               |
| LeA:<br>Leonardtown-----    | 0-12<br>12-49<br>49-70 | ---<br>---<br>--- | ---<br>---<br>--- | 8-22<br>15-35<br>10-30  | 1.40-1.70<br>1.70-1.90<br>1.60-1.90 | 0.6-2<br>0.06-0.2<br>0.2-6        | 0.18-0.24<br>0.08-0.12<br>0.08-0.18 | 0.0-2.9<br>0.0-2.9<br>0.0-2.9 | 0.5-6.0<br>0.0-0.5<br>0.0-0.5 | .43<br>.32<br>.37 | .43<br>.32<br>.43 | 3   | ---                               | 56                                |
| LeB:<br>Leonardtown-----    | 0-12<br>12-49<br>49-70 | ---<br>---<br>--- | ---<br>---<br>--- | 8-22<br>15-35<br>10-30  | 1.40-1.70<br>1.70-1.90<br>1.60-1.90 | 0.6-2<br>0.06-0.2<br>0.2-6        | 0.18-0.24<br>0.08-0.12<br>0.08-0.18 | 0.0-2.9<br>0.0-2.9<br>0.0-2.9 | 0.5-6.0<br>0.0-0.5<br>0.0-0.5 | .43<br>.32<br>.37 | .43<br>.32<br>.43 | 3   | ---                               | 56                                |
| Ma:<br>Made Land-----       | 0-6                    | ---               | ---               | ---                     | ---                                 | ---                               | 0.00-0.00                           | ---                           | ---                           | ---               | ---               | --- | ---                               | ---                               |
| MfB2:<br>Magnolia-----      | 0-9<br>9-84<br>84-99   | ---<br>---<br>--- | ---<br>---<br>--- | 10-20<br>35-55<br>15-45 | 1.35-1.45<br>1.40-1.50<br>1.40-1.55 | 0.6-6<br>0.0015-0.6<br>0.0015-0.6 | 0.08-0.15<br>0.14-0.22<br>0.13-0.20 | 0.0-2.9<br>3.0-5.9<br>3.0-5.9 | 0.5-2.0<br>---<br>---         | .43<br>.32<br>.32 | .43<br>.32<br>.32 | 5   | 3                                 | 86                                |



Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| MgB2:<br>Magnolia-----      | 0-9   | ---  | ---  | 15-25 | 1.35-1.45                | 0.6-2                       | 0.14-0.20                      | 0.0-2.9                      | 0.5-2.0           | .43             | .43 | 5   | 5                                 | 56                                |
|                             | 9-84  | ---  | ---  | 35-55 | 1.40-1.50                | 0.0015-0.6                  | 0.14-0.22                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
|                             | 84-99 | ---  | ---  | 15-45 | 1.40-1.55                | 0.0015-0.6                  | 0.13-0.20                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
| MgC2:<br>Magnolia-----      | 0-9   | ---  | ---  | 15-25 | 1.35-1.45                | 0.6-2                       | 0.14-0.20                      | 0.0-2.9                      | 0.5-2.0           | .43             | .43 | 5   | 5                                 | 56                                |
|                             | 9-84  | ---  | ---  | 35-55 | 1.40-1.50                | 0.0015-0.6                  | 0.14-0.22                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
|                             | 84-99 | ---  | ---  | 15-45 | 1.40-1.55                | 0.0015-0.6                  | 0.13-0.20                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
| MhB2:<br>Manor-----         | 0-10  | ---  | ---  | 10-25 | 1.10-1.40                | 0.6-2                       | 0.17-0.21                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 5   | ---                               | 48                                |
|                             | 10-20 | ---  | ---  | 10-25 | 1.20-1.50                | 0.6-2                       | 0.14-0.20                      | 0.0-2.9                      | 0.0-0.5           | .32             | .37 |     |                                   |                                   |
|                             | 20-72 | ---  | ---  | 5-20  | 1.25-1.50                | 0.6-6                       | 0.10-0.20                      | 0.0-2.9                      | 0.0-0.5           | .49             | .55 |     |                                   |                                   |
| MhC2:<br>Manor-----         | 0-10  | ---  | ---  | 10-25 | 1.10-1.40                | 0.6-2                       | 0.17-0.21                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 5   | ---                               | 48                                |
|                             | 10-20 | ---  | ---  | 10-25 | 1.20-1.50                | 0.6-2                       | 0.14-0.20                      | 0.0-2.9                      | 0.0-0.5           | .32             | .37 |     |                                   |                                   |
|                             | 20-72 | ---  | ---  | 5-20  | 1.25-1.50                | 0.6-6                       | 0.10-0.20                      | 0.0-2.9                      | 0.0-0.5           | .49             | .55 |     |                                   |                                   |
| MhD2:<br>Manor-----         | 0-10  | ---  | ---  | 10-25 | 1.10-1.40                | 0.6-2                       | 0.17-0.21                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 5   | ---                               | 48                                |
|                             | 10-20 | ---  | ---  | 10-25 | 1.20-1.50                | 0.6-2                       | 0.14-0.20                      | 0.0-2.9                      | 0.0-0.5           | .32             | .37 |     |                                   |                                   |
|                             | 20-72 | ---  | ---  | 5-20  | 1.25-1.50                | 0.6-6                       | 0.10-0.20                      | 0.0-2.9                      | 0.0-0.5           | .49             | .55 |     |                                   |                                   |
| MhF2:<br>Manor-----         | 0-10  | ---  | ---  | 10-25 | 1.10-1.40                | 0.6-2                       | 0.17-0.21                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 5   | ---                               | 48                                |
|                             | 10-20 | ---  | ---  | 10-25 | 1.20-1.50                | 0.6-2                       | 0.14-0.20                      | 0.0-2.9                      | 0.0-0.5           | .32             | .37 |     |                                   |                                   |
|                             | 20-72 | ---  | ---  | 5-20  | 1.25-1.50                | 0.6-6                       | 0.10-0.20                      | 0.0-2.9                      | 0.0-0.5           | .49             | .55 |     |                                   |                                   |
| MkC:<br>Manor-----          | 0-10  | ---  | ---  | 10-25 | 1.10-1.40                | 0.6-2                       | 0.17-0.21                      | 0.0-2.9                      | 1.0-3.0           | .37             | .37 | 5   | ---                               | 48                                |
|                             | 10-20 | ---  | ---  | 10-25 | 1.20-1.50                | 0.6-2                       | 0.14-0.20                      | 0.0-2.9                      | 0.0-0.5           | .32             | .37 |     |                                   |                                   |
|                             | 20-72 | ---  | ---  | 5-20  | 1.25-1.50                | 0.6-6                       | 0.10-0.20                      | 0.0-2.9                      | 0.0-0.5           | .49             | .55 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| M1A:<br>Marr-----           | 0-12  | ---  | ---  | 16-23 | 1.40-1.60                | 2-6                         | 0.14-0.20                      | 0.0-2.9                      | 0.5-3.0           | .32             | .32 | 5   | ---                               | 86                                |
|                             | 12-34 | ---  | ---  | 18-35 | 1.40-1.70                | 0.6-2                       | 0.16-0.24                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 34-60 | ---  | ---  | 12-20 | 1.40-1.60                | 2-6                         | 0.10-0.18                      | 0.0-2.9                      | ---               | .37             | .37 |     |                                   |                                   |
| M1B2:<br>Marr-----          | 0-12  | ---  | ---  | 16-23 | 1.40-1.60                | 2-6                         | 0.14-0.20                      | 0.0-2.9                      | 0.5-3.0           | .32             | .32 | 5   | ---                               | 86                                |
|                             | 12-34 | ---  | ---  | 18-35 | 1.40-1.70                | 0.6-2                       | 0.16-0.24                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 34-60 | ---  | ---  | 12-20 | 1.40-1.60                | 2-6                         | 0.10-0.18                      | 0.0-2.9                      | ---               | .37             | .37 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |   | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |   |                                   |                                   |
| M1B3:<br>Marr-----          | 0-12  | ---  | ---  | 16-23 | 1.40-1.60                | 2-6                         | 0.14-0.20                      | 0.0-2.9                      | 0.5-3.0           | .32             | .32 | 4 | 3                                 | 86                                |
|                             | 12-34 | ---  | ---  | 18-35 | 1.40-1.70                | 0.6-2                       | 0.16-0.24                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 34-60 | ---  | ---  | 12-20 | 1.40-1.60                | 2-6                         | 0.10-0.18                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
| M1C2:<br>Marr-----          | 0-12  | ---  | ---  | 16-23 | 1.40-1.60                | 2-6                         | 0.14-0.20                      | 0.0-2.9                      | 0.5-3.0           | .32             | .32 | 5 | ---                               | 86                                |
|                             | 12-34 | ---  | ---  | 18-35 | 1.40-1.70                | 0.6-2                       | 0.16-0.24                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 34-60 | ---  | ---  | 12-20 | 1.40-1.60                | 2-6                         | 0.10-0.18                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
| M1C3:<br>Marr-----          | 0-12  | ---  | ---  | 16-23 | 1.40-1.60                | 2-6                         | 0.14-0.20                      | 0.0-2.9                      | 0.5-3.0           | .32             | .32 | 4 | 3                                 | 86                                |
|                             | 12-34 | ---  | ---  | 18-35 | 1.40-1.70                | 0.6-2                       | 0.16-0.24                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 34-60 | ---  | ---  | 12-20 | 1.40-1.60                | 2-6                         | 0.10-0.18                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
| M1D3:<br>Marr-----          | 0-12  | ---  | ---  | 16-23 | 1.40-1.60                | 2-6                         | 0.14-0.20                      | 0.0-2.9                      | 0.5-3.0           | .32             | .32 | 4 | 3                                 | 86                                |
|                             | 12-34 | ---  | ---  | 18-35 | 1.40-1.70                | 0.6-2                       | 0.16-0.24                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 34-60 | ---  | ---  | 12-20 | 1.40-1.60                | 2-6                         | 0.10-0.18                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
| M1E:<br>Marr-----           | 0-12  | ---  | ---  | 16-23 | 1.40-1.60                | 2-6                         | 0.14-0.20                      | 0.0-2.9                      | 0.5-3.0           | .32             | .32 | 5 | ---                               | 86                                |
|                             | 12-34 | ---  | ---  | 18-35 | 1.40-1.70                | 0.6-2                       | 0.16-0.24                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
|                             | 34-60 | ---  | ---  | 12-20 | 1.40-1.60                | 2-6                         | 0.10-0.18                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
| MmA:<br>Matapeake-----      | 0-16  | ---  | ---  | 5-15  | 1.00-1.55                | 0.6-2                       | 0.13-0.20                      | 0.0-2.9                      | 1.0-2.0           | .37             | .37 | 5 | 3                                 | 86                                |
|                             | 16-34 | ---  | ---  | 18-30 | 1.40-1.65                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 34-62 | ---  | ---  | 2-70  | 1.65-1.85                | 0.6-6                       | 0.08-0.18                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
| MmB2:<br>Matapeake-----     | 0-16  | ---  | ---  | 5-15  | 1.00-1.55                | 0.6-2                       | 0.13-0.20                      | 0.0-2.9                      | 1.0-2.0           | .37             | .37 | 5 | 3                                 | 86                                |
|                             | 16-34 | ---  | ---  | 18-30 | 1.40-1.65                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 34-62 | ---  | ---  | 2-70  | 1.65-1.85                | 0.6-6                       | 0.08-0.18                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
| MnA:<br>Matapeake-----      | 0-16  | ---  | ---  | 5-15  | 1.00-1.45                | 0.6-2                       | 0.20-0.28                      | 0.0-2.9                      | 1.0-2.0           | .49             | .49 | 5 | 5                                 | 56                                |
|                             | 16-34 | ---  | ---  | 18-30 | 1.40-1.65                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 34-62 | ---  | ---  | 2-70  | 1.65-1.85                | 0.6-6                       | 0.08-0.18                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |
| MnB2:<br>Matapeake-----     | 0-16  | ---  | ---  | 5-15  | 1.00-1.45                | 0.6-2                       | 0.20-0.28                      | 0.0-2.9                      | 1.0-2.0           | .49             | .49 | 5 | 5                                 | 56                                |
|                             | 16-34 | ---  | ---  | 18-30 | 1.40-1.65                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 34-62 | ---  | ---  | 2-70  | 1.65-1.85                | 0.6-6                       | 0.08-0.18                      | 0.0-2.9                      | ---               | .28             | .28 |   |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| MnC2:<br>Matapeake-----     | 0-16  | ---  | ---  | 5-15  | 1.00-1.45                | 0.6-2                       | 0.20-0.28                      | 0.0-2.9                      | 1.0-2.0           | .49             | .49 | 5   | 5                                 | 56                                |
|                             | 16-34 | ---  | ---  | 18-30 | 1.40-1.65                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |     |                                   |                                   |
|                             | 34-62 | ---  | ---  | 2-70  | 1.65-1.85                | 0.6-6                       | 0.08-0.18                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
| MnC3:<br>Matapeake-----     | 0-16  | ---  | ---  | 5-15  | 1.00-1.45                | 0.6-2                       | 0.20-0.28                      | 0.0-2.9                      | 1.0-2.0           | .49             | .49 | 4   | 5                                 | 56                                |
|                             | 16-34 | ---  | ---  | 18-30 | 1.40-1.65                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 34-62 | ---  | ---  | 2-20  | 1.65-1.85                | 0.6-6                       | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| MnD2:<br>Matapeake-----     | 0-16  | ---  | ---  | 5-15  | 1.00-1.45                | 0.6-2                       | 0.20-0.28                      | 0.0-2.9                      | 1.0-2.0           | .49             | .49 | 5   | 5                                 | 56                                |
|                             | 16-34 | ---  | ---  | 18-30 | 1.40-1.65                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |     |                                   |                                   |
|                             | 34-62 | ---  | ---  | 2-70  | 1.65-1.85                | 0.6-6                       | 0.08-0.18                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
| MoB2:<br>Matapeake-----     | 0-16  | ---  | ---  | 5-15  | 1.00-1.45                | 0.6-2                       | 0.20-0.28                      | 0.0-2.9                      | 1.0-2.0           | .49             | .49 | 5   | 5                                 | 56                                |
|                             | 16-34 | ---  | ---  | 18-30 | 1.40-1.65                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |     |                                   |                                   |
|                             | 34-62 | ---  | ---  | 2-70  | 1.65-1.85                | 0.6-6                       | 0.08-0.18                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
| MpB:<br>Matapeake-----      | 0-16  | ---  | ---  | 5-15  | 1.00-1.45                | 0.6-2                       | 0.20-0.28                      | 0.0-2.9                      | 1.0-2.0           | .49             | .49 | 5   | 5                                 | 56                                |
|                             | 16-34 | ---  | ---  | 18-30 | 1.40-1.65                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |     |                                   |                                   |
|                             | 34-62 | ---  | ---  | 2-70  | 1.65-1.85                | 0.6-6                       | 0.08-0.18                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| MpC:<br>Matapeake-----      | 0-16  | ---  | ---  | 5-15  | 1.00-1.45                | 0.6-2                       | 0.20-0.28                      | 0.0-2.9                      | 1.0-2.0           | .49             | .49 | 5   | 5                                 | 56                                |
|                             | 16-34 | ---  | ---  | 18-30 | 1.40-1.65                | 0.2-2                       | 0.18-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |     |                                   |                                   |
|                             | 34-62 | ---  | ---  | 2-70  | 1.65-1.85                | 0.6-6                       | 0.08-0.18                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| MrA:<br>Matawan-----        | 0-20  | ---  | ---  | 5-20  | ---                      | 0.6-6                       | 0.10-0.18                      | 0.0-2.9                      | ---               | .32             | .32 | 5   | ---                               | 86                                |
|                             | 20-38 | ---  | ---  | 15-30 | ---                      | 0.0015-0.6                  | 0.14-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 38-60 | ---  | ---  | 5-30  | ---                      | 0.0015-20                   | 0.06-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
| MrB2:<br>Matawan-----       | 0-20  | ---  | ---  | 5-20  | ---                      | 0.6-6                       | 0.10-0.18                      | 0.0-2.9                      | ---               | .32             | .32 | 5   | ---                               | 86                                |
|                             | 20-38 | ---  | ---  | 15-30 | ---                      | 0.0015-0.6                  | 0.14-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 38-60 | ---  | ---  | 5-30  | ---                      | 0.0015-20                   | 0.06-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| MrC2:<br>Matawan-----       | 0-20  | ---  | ---  | 5-20  | ---                      | 0.6-6                       | 0.10-0.18                      | 0.0-2.9                      | ---               | .32             | .32 | 5   | ---                               | 86                                |
|                             | 20-38 | ---  | ---  | 15-30 | ---                      | 0.0015-0.6                  | 0.14-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 38-60 | ---  | ---  | 5-30  | ---                      | 0.0015-20                   | 0.06-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
| MsA:<br>Matawan-----        | 0-20  | ---  | ---  | 2-10  | ---                      | 0.6-6                       | 0.06-0.09                      | 0.0-2.9                      | 1.0-4.0           | .32             | .32 | 5   | ---                               | 134                               |
|                             | 20-38 | ---  | ---  | 15-30 | ---                      | 0.0015-0.6                  | 0.14-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 38-60 | ---  | ---  | 5-30  | ---                      | 0.0015-20                   | 0.06-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
| MsB:<br>Matawan-----        | 0-20  | ---  | ---  | 2-10  | ---                      | 0.6-6                       | 0.06-0.09                      | 0.0-2.9                      | 1.0-4.0           | .32             | .32 | 5   | ---                               | 134                               |
|                             | 20-38 | ---  | ---  | 15-30 | ---                      | 0.0015-0.6                  | 0.14-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 38-60 | ---  | ---  | 5-30  | ---                      | 0.0015-20                   | 0.06-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
| MtA:<br>Mattapex-----       | 0-15  | ---  | ---  | 10-18 | 1.10-1.45                | 0.6-2                       | 0.13-0.20                      | 0.0-2.9                      | 0.5-3.0           | .37             | .37 | 5   | 3                                 | 86                                |
|                             | 15-36 | ---  | ---  | 18-30 | 1.25-1.45                | 0.2-2                       | 0.18-0.22                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 36-60 | ---  | ---  | 8-15  | 1.45-1.65                | 0.6-6                       | 0.14-0.18                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| MtB2:<br>Mattapex-----      | 0-15  | ---  | ---  | 10-18 | 1.10-1.45                | 0.6-2                       | 0.13-0.20                      | 0.0-2.9                      | 0.5-3.0           | .37             | .37 | 5   | 3                                 | 86                                |
|                             | 15-36 | ---  | ---  | 18-30 | 1.25-1.45                | 0.2-2                       | 0.18-0.22                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 36-60 | ---  | ---  | 8-15  | 1.45-1.65                | 0.6-6                       | 0.14-0.18                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| MuA:<br>Mattapex-----       | 0-15  | ---  | ---  | 10-18 | 1.10-1.45                | 0.6-2                       | 0.20-0.28                      | 0.0-2.9                      | 0.5-3.0           | .43             | .43 | 5   | 5                                 | 56                                |
|                             | 15-36 | ---  | ---  | 18-30 | 1.25-1.45                | 0.2-2                       | 0.18-0.22                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 36-60 | ---  | ---  | 8-15  | 1.45-1.65                | 0.6-6                       | 0.14-0.18                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| MuB2:<br>Mattapex-----      | 0-15  | ---  | ---  | 10-18 | 1.10-1.45                | 0.6-2                       | 0.20-0.28                      | 0.0-2.9                      | 0.5-3.0           | .43             | .43 | 5   | 5                                 | 56                                |
|                             | 15-36 | ---  | ---  | 18-30 | 1.25-1.45                | 0.2-2                       | 0.18-0.22                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 36-60 | ---  | ---  | 8-15  | 1.45-1.65                | 0.6-6                       | 0.14-0.18                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| MvB:<br>Mattapex-----       | 0-15  | ---  | ---  | 10-18 | 1.10-1.45                | 0.6-2                       | 0.20-0.28                      | 0.0-2.9                      | 0.5-3.0           | .43             | .43 | 5   | 5                                 | 56                                |
|                             | 15-36 | ---  | ---  | 18-30 | 1.25-1.45                | 0.2-2                       | 0.18-0.22                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 36-60 | ---  | ---  | 8-15  | 1.45-1.65                | 0.6-6                       | 0.14-0.18                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| Mw:<br>Mixed Alluvial Land- | 0-12  | ---  | ---  | 2-18  | 1.40-1.65                | 0.6-2                       | 0.15-0.20                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5   | 5                                 | 56                                |
|                             | 12-60 | ---  | ---  | 2-18  | 1.45-1.75                | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | 0.5-1.0           | .37             | .37 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |   | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |   |                                   |                                   |
| MxC3:<br>Monmouth-----      | 0-10  | ---  | ---  | 10-25 | 1.15-1.30                | 0.6-6                       | 0.12-0.19                      | 0.0-2.9                      | 2.0-3.0           | .43             | .43 | 3 | 3                                 | 86                                |
|                             | 10-40 | ---  | ---  | 30-45 | 1.25-1.40                | 0.06-0.2                    | 0.10-0.16                      | 3.0-5.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 40-60 | ---  | ---  | 15-45 | 1.25-1.40                | 0.0015-2                    | 0.10-0.16                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| MxD3:<br>Monmouth-----      | 0-10  | ---  | ---  | 10-25 | 1.15-1.30                | 0.6-6                       | 0.12-0.19                      | 0.0-2.9                      | 2.0-3.0           | .43             | .43 | 3 | 3                                 | 86                                |
|                             | 10-40 | ---  | ---  | 30-45 | 1.25-1.40                | 0.06-0.2                    | 0.10-0.16                      | 3.0-5.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 40-60 | ---  | ---  | 15-45 | 1.25-1.40                | 0.0015-2                    | 0.10-0.16                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| MyA:<br>Monmouth-----       | 0-10  | ---  | ---  | 10-25 | 1.15-1.30                | 0.6-6                       | 0.12-0.19                      | 0.0-2.9                      | 2.0-3.0           | .43             | .43 | 3 | 3                                 | 86                                |
|                             | 10-40 | ---  | ---  | 30-45 | 1.25-1.40                | 0.06-0.2                    | 0.10-0.16                      | 3.0-5.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 40-60 | ---  | ---  | 15-45 | 1.25-1.40                | 0.0015-2                    | 0.10-0.16                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| MyB2:<br>Monmouth-----      | 0-10  | ---  | ---  | 10-25 | 1.15-1.30                | 0.6-6                       | 0.12-0.19                      | 0.0-2.9                      | 2.0-3.0           | .43             | .43 | 3 | 3                                 | 86                                |
|                             | 10-40 | ---  | ---  | 30-45 | 1.25-1.40                | 0.06-0.2                    | 0.10-0.16                      | 3.0-5.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 40-60 | ---  | ---  | 15-45 | 1.25-1.40                | 0.0015-2                    | 0.10-0.16                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| MyC2:<br>Monmouth-----      | 0-10  | ---  | ---  | 10-25 | 1.15-1.30                | 0.6-6                       | 0.12-0.19                      | 0.0-2.9                      | 2.0-3.0           | .43             | .43 | 3 | 3                                 | 86                                |
|                             | 10-40 | ---  | ---  | 30-45 | 1.25-1.40                | 0.06-0.2                    | 0.10-0.16                      | 3.0-5.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 40-60 | ---  | ---  | 15-45 | 1.25-1.40                | 0.0015-2                    | 0.10-0.16                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| MyD2:<br>Monmouth-----      | 0-10  | ---  | ---  | 10-25 | 1.15-1.30                | 0.6-6                       | 0.12-0.19                      | 0.0-2.9                      | 2.0-3.0           | .43             | .43 | 3 | 3                                 | 86                                |
|                             | 10-40 | ---  | ---  | 30-45 | 1.25-1.40                | 0.06-0.2                    | 0.10-0.16                      | 3.0-5.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 40-60 | ---  | ---  | 15-45 | 1.25-1.40                | 0.0015-2                    | 0.10-0.16                      | 0.0-2.9                      | ---               | .24             | .24 |   |                                   |                                   |
| MzB2:<br>Muirkirk-----      | 0-28  | ---  | ---  | 2-14  | ---                      | 6-20                        | 0.04-0.15                      | 0.0-2.9                      | ---               | .17             | .17 | 5 | ---                               | 134                               |
|                             | 28-36 | ---  | ---  | 15-35 | ---                      | 0.6-6                       | 0.12-0.18                      | 0.0-2.9                      | ---               | .17             | .17 |   |                                   |                                   |
|                             | 36-60 | ---  | ---  | 40-60 | ---                      | 0.0015-0.6                  | 0.12-0.18                      | 3.0-5.9                      | ---               | .28             | .28 |   |                                   |                                   |
| MzC2:<br>Muirkirk-----      | 0-28  | ---  | ---  | 2-14  | ---                      | 6-20                        | 0.04-0.15                      | 0.0-2.9                      | ---               | .17             | .17 | 5 | ---                               | 134                               |
|                             | 28-36 | ---  | ---  | 15-35 | ---                      | 0.6-6                       | 0.12-0.18                      | 0.0-2.9                      | ---               | .17             | .17 |   |                                   |                                   |
|                             | 36-60 | ---  | ---  | 40-60 | ---                      | 0.0015-0.6                  | 0.12-0.18                      | 3.0-5.9                      | ---               | .28             | .28 |   |                                   |                                   |
| OcA:<br>Ochlockonee-----    | 0-6   | ---  | ---  | 3-18  | 1.40-1.60                | 2-6                         | 0.07-0.14                      | 0.0-2.9                      | 0.5-2.0           | .20             | .20 | 5 | 3                                 | 86                                |
|                             | 6-44  | ---  | ---  | 8-18  | 1.40-1.60                | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | 0.5-1.0           | .20             | .20 |   |                                   |                                   |
|                             | 44-72 | ---  | ---  | 3-18  | 1.40-1.70                | 2-6                         | 0.06-0.12                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 |   |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| OcB:<br>Ochlockonee-----    | 0-6   | ---  | ---  | 3-18  | 1.40-1.60                | 2-6                         | 0.07-0.14                      | 0.0-2.9                      | 0.5-2.0           | .20             | .20 | 5   | 3                                 | 86                                |
|                             | 6-44  | ---  | ---  | 8-18  | 1.40-1.60                | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | 0.5-1.0           | .20             | .20 |     |                                   |                                   |
|                             | 44-72 | ---  | ---  | 3-18  | 1.40-1.70                | 2-6                         | 0.06-0.12                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 |     |                                   |                                   |
| OcC:<br>Ochlockonee-----    | 0-6   | ---  | ---  | 3-18  | 1.40-1.60                | 2-6                         | 0.07-0.14                      | 0.0-2.9                      | 0.5-2.0           | .20             | .20 | 5   | 3                                 | 86                                |
|                             | 6-44  | ---  | ---  | 8-18  | 1.40-1.60                | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | 0.5-1.0           | .20             | .20 |     |                                   |                                   |
|                             | 44-72 | ---  | ---  | 3-18  | 1.40-1.70                | 2-6                         | 0.06-0.12                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 |     |                                   |                                   |
| OhA:<br>Ochlockonee-----    | 0-6   | ---  | ---  | 7-22  | 1.40-1.60                | 2-6                         | 0.10-0.20                      | 0.0-2.9                      | 0.5-2.0           | .24             | .24 | 5   | 5                                 | 56                                |
|                             | 6-44  | ---  | ---  | 8-18  | 1.40-1.60                | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | 0.5-1.0           | .20             | .20 |     |                                   |                                   |
|                             | 44-72 | ---  | ---  | 3-18  | 1.40-1.70                | 2-6                         | 0.06-0.12                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 |     |                                   |                                   |
| OhB:<br>Ochlockonee-----    | 0-6   | ---  | ---  | 7-22  | 1.40-1.60                | 2-6                         | 0.10-0.20                      | 0.0-2.9                      | 0.5-2.0           | .24             | .24 | 5   | 5                                 | 56                                |
|                             | 6-44  | ---  | ---  | 8-18  | 1.40-1.60                | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | 0.5-1.0           | .20             | .20 |     |                                   |                                   |
|                             | 44-72 | ---  | ---  | 3-18  | 1.40-1.70                | 2-6                         | 0.06-0.12                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 |     |                                   |                                   |
| Ok:<br>Ochlockonee, Local A | 0-6   | ---  | ---  | 3-18  | 1.40-1.60                | 2-6                         | 0.07-0.14                      | 0.0-2.9                      | 0.5-2.0           | .20             | .20 | 5   | 3                                 | 86                                |
|                             | 6-44  | ---  | ---  | 8-18  | 1.40-1.60                | 0.6-2                       | 0.10-0.20                      | 0.0-2.9                      | 0.5-1.0           | .20             | .20 |     |                                   |                                   |
|                             | 44-72 | ---  | ---  | 3-18  | 1.40-1.70                | 2-6                         | 0.06-0.12                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| Ol:<br>Othello-----         | 0-9   | ---  | ---  | 15-28 | 1.20-1.50                | 0.6-2                       | 0.16-0.24                      | 0.0-2.9                      | 1.0-2.0           | .37             | .37 | 5   | 5                                 | 56                                |
|                             | 9-29  | ---  | ---  | 18-30 | 1.40-1.70                | 0.2-0.6                     | 0.12-0.24                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 29-60 | ---  | ---  | 4-10  | 1.65-1.80                | 2-6                         | 0.06-0.10                      | 0.0-2.9                      | 0.0-0.5           | .15             | .15 |     |                                   |                                   |
| Ot:<br>Othello-----         | 0-9   | ---  | ---  | 15-28 | 1.20-1.50                | 0.6-2                       | 0.16-0.24                      | 0.0-2.9                      | 1.0-2.0           | .37             | .37 | 5   | 5                                 | 56                                |
|                             | 9-29  | ---  | ---  | 18-30 | 1.40-1.70                | 0.2-0.6                     | 0.12-0.24                      | 0.0-2.9                      | 0.0-0.5           | .43             | .43 |     |                                   |                                   |
|                             | 29-60 | ---  | ---  | 4-10  | 1.65-1.80                | 2-6                         | 0.06-0.10                      | 0.0-2.9                      | 0.0-0.5           | .15             | .15 |     |                                   |                                   |
| Pr:<br>Plummer-----         | 0-50  | ---  | ---  | 1-10  | 1.35-1.65                | 6-20                        | 0.03-0.10                      | 0.0-2.9                      | 1.0-3.0           | .10             | .10 | 5   | 2                                 | 134                               |
|                             | 50-72 | ---  | ---  | 15-30 | 1.50-1.70                | 0.2-2                       | 0.07-0.15                      | 0.0-2.9                      | ---               | .15             | .15 |     |                                   |                                   |
| Rutlege-----                | 0-18  | ---  | ---  | 2-10  | 1.30-1.50                | 6-20                        | 0.06-0.10                      | 0.0-2.9                      | 3.0-9.0           | .17             | .17 | 5   | ---                               | ---                               |
|                             | 18-60 | ---  | ---  | 2-10  | 1.40-1.60                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.5-3.0           | .17             | .17 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |   | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
|                             |       |      |      |      |                          |                             |                                |                              |                   | Kw              | Kf  | T |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct  | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |   |                                   |                                   |
| RdA:<br>Rumford-----        | 0-17  | ---  | ---  | 2-12 | 1.25-1.45                | 6-20                        | 0.06-0.10                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 17-37 | ---  | ---  | 8-21 | 1.25-1.45                | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | ---               | .17             | .17 |   |                                   |                                   |
|                             | 37-60 | ---  | ---  | 2-18 | 1.25-1.50                | 2-20                        | 0.04-0.10                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| RdB2:<br>Rumford-----       | 0-17  | ---  | ---  | 2-12 | 1.25-1.45                | 6-20                        | 0.06-0.10                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 17-37 | ---  | ---  | 8-21 | 1.25-1.45                | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | ---               | .17             | .17 |   |                                   |                                   |
|                             | 37-60 | ---  | ---  | 2-18 | 1.25-1.50                | 2-20                        | 0.04-0.10                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| RdC2:<br>Rumford-----       | 0-17  | ---  | ---  | 2-12 | 1.25-1.45                | 6-20                        | 0.06-0.10                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 17-37 | ---  | ---  | 8-21 | 1.25-1.45                | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | ---               | .17             | .17 |   |                                   |                                   |
|                             | 37-60 | ---  | ---  | 2-18 | 1.25-1.50                | 2-20                        | 0.04-0.10                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| RdC3:<br>Rumford-----       | 0-17  | ---  | ---  | 2-12 | 1.25-1.45                | 6-20                        | 0.06-0.10                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 17-37 | ---  | ---  | 8-21 | 1.25-1.45                | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
|                             | 37-60 | ---  | ---  | 2-18 | 1.25-1.50                | 2-20                        | 0.04-0.10                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |   |                                   |                                   |
| RdD2:<br>Rumford-----       | 0-17  | ---  | ---  | 2-12 | 1.25-1.45                | 6-20                        | 0.06-0.10                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 17-37 | ---  | ---  | 8-21 | 1.25-1.45                | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | ---               | .17             | .17 |   |                                   |                                   |
|                             | 37-60 | ---  | ---  | 2-18 | 1.25-1.50                | 2-20                        | 0.04-0.10                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| ReB:<br>Rumford-----        | 0-17  | ---  | ---  | 2-12 | 1.25-1.45                | 6-20                        | 0.06-0.10                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 17-37 | ---  | ---  | 8-21 | 1.25-1.45                | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | ---               | .17             | .17 |   |                                   |                                   |
|                             | 37-60 | ---  | ---  | 2-18 | 1.25-1.50                | 2-20                        | 0.04-0.10                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| Evesboro-----               | 0-16  | ---  | ---  | 1-4  | 1.20-1.55                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 16-30 | ---  | ---  | 3-6  | 1.30-1.60                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
|                             | 30-72 | ---  | ---  | 1-10 | 1.30-1.60                | 2-20                        | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
| ReC:<br>Rumford-----        | 0-17  | ---  | ---  | 2-12 | 1.25-1.45                | 6-20                        | 0.06-0.10                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 17-37 | ---  | ---  | 8-21 | 1.25-1.45                | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | ---               | .17             | .17 |   |                                   |                                   |
|                             | 37-60 | ---  | ---  | 2-18 | 1.25-1.50                | 2-20                        | 0.04-0.10                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| Evesboro-----               | 0-16  | ---  | ---  | 1-4  | 1.20-1.55                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 16-30 | ---  | ---  | 3-6  | 1.30-1.60                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
|                             | 30-72 | ---  | ---  | 1-10 | 1.30-1.60                | 2-20                        | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
| ReD:<br>Rumford-----        | 0-17  | ---  | ---  | 2-12 | 1.25-1.45                | 6-20                        | 0.06-0.10                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 17-37 | ---  | ---  | 8-21 | 1.25-1.45                | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | ---               | .17             | .17 |   |                                   |                                   |
|                             | 37-60 | ---  | ---  | 2-18 | 1.25-1.50                | 2-20                        | 0.04-0.10                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name  | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |   | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|------------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
|                              |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T |                                   |                                   |
|                              | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |   |                                   |                                   |
| Evesboro-----                | 0-16  | ---  | ---  | 1-4   | 1.20-1.55                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                              | 16-30 | ---  | ---  | 3-6   | 1.30-1.60                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
|                              | 30-72 | ---  | ---  | 1-10  | 1.30-1.60                | 2-20                        | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
| SaE:<br>Sandy Land-----      | 0-11  | ---  | ---  | 4-7   | 1.50-1.70                | 6-20                        | 0.06-0.08                      | 0.0-2.9                      | 0.5-2.0           | .17             | .20 | 5 | 1                                 | 220                               |
|                              | 11-40 | ---  | ---  | 4-10  | 1.50-1.70                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
|                              | 40-65 | ---  | ---  | 2-6   | 1.50-1.65                | 6-20                        | 0.04-0.08                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |   |                                   |                                   |
| ScB:<br>Sandy And Clayey Lan | 0-17  | ---  | ---  | 2-12  | 1.25-1.45                | 6-20                        | 0.06-0.10                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 4 | 2                                 | 134                               |
|                              | 17-37 | ---  | ---  | 8-21  | 1.25-1.45                | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | ---               | .17             | .17 |   |                                   |                                   |
|                              | 37-60 | ---  | ---  | 2-18  | 1.25-1.50                | 2-20                        | 0.04-0.10                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| ScC:<br>Sandy And Clayey Lan | 0-17  | ---  | ---  | 2-12  | 1.25-1.45                | 6-20                        | 0.06-0.10                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 4 | 2                                 | 134                               |
|                              | 17-37 | ---  | ---  | 8-21  | 1.25-1.45                | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | ---               | .17             | .17 |   |                                   |                                   |
|                              | 37-60 | ---  | ---  | 2-18  | 1.25-1.50                | 2-20                        | 0.04-0.10                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| ScD:<br>Sandy And Clayey Lan | 0-17  | ---  | ---  | 2-12  | 1.25-1.45                | 6-20                        | 0.06-0.10                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 4 | 2                                 | 134                               |
|                              | 17-37 | ---  | ---  | 8-21  | 1.25-1.45                | 2-6                         | 0.10-0.15                      | 0.0-2.9                      | ---               | .17             | .17 |   |                                   |                                   |
|                              | 37-60 | ---  | ---  | 2-18  | 1.25-1.50                | 2-20                        | 0.04-0.10                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| SfB2:<br>Sassafras-----      | 0-9   | ---  | ---  | 3-12  | 1.00-1.40                | 0.6-6                       | 0.10-0.14                      | 0.0-2.9                      | 1.0-2.0           | .20             | .28 | 5 | ---                               | 86                                |
|                              | 9-40  | ---  | ---  | 18-27 | 1.35-1.50                | 0.6-2                       | 0.11-0.22                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
|                              | 40-70 | ---  | ---  | 3-12  | 1.35-1.50                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| SfC2:<br>Sassafras-----      | 0-9   | ---  | ---  | 3-12  | 1.00-1.40                | 0.6-6                       | 0.10-0.14                      | 0.0-2.9                      | 1.0-2.0           | .20             | .28 | 5 | ---                               | 86                                |
|                              | 9-40  | ---  | ---  | 18-27 | 1.35-1.50                | 0.6-2                       | 0.11-0.22                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
|                              | 40-70 | ---  | ---  | 3-12  | 1.35-1.50                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| SfD2:<br>Sassafras-----      | 0-9   | ---  | ---  | 3-12  | 1.00-1.40                | 0.6-6                       | 0.10-0.14                      | 0.0-2.9                      | 1.0-2.0           | .20             | .28 | 4 | ---                               | 86                                |
|                              | 9-40  | ---  | ---  | 18-27 | 1.35-1.50                | 0.6-2                       | 0.11-0.22                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
|                              | 40-70 | ---  | ---  | 3-12  | 1.35-1.50                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| SgB2:<br>Sassafras-----      | 0-9   | ---  | ---  | 3-12  | 1.00-1.40                | 0.6-6                       | 0.10-0.14                      | 0.0-2.9                      | 1.0-2.0           | .20             | .28 | 5 | ---                               | 86                                |
|                              | 9-40  | ---  | ---  | 18-27 | 1.35-1.50                | 0.6-2                       | 0.11-0.22                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
|                              | 40-70 | ---  | ---  | 3-12  | 1.35-1.50                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |



Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |   | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |   |                                   |                                   |
| SgC2:<br>Sassafras-----     | 0-9   | ---  | ---  | 3-12  | 1.00-1.40                | 0.6-6                       | 0.10-0.14                      | 0.0-2.9                      | 1.0-2.0           | .20             | .28 | 5 | ---                               | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.35-1.50                | 0.6-2                       | 0.11-0.22                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-12  | 1.35-1.50                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| SgC3:<br>Sassafras-----     | 0-9   | ---  | ---  | 3-12  | 1.00-1.40                | 0.6-6                       | 0.10-0.14                      | 0.0-2.9                      | 1.0-2.0           | .20             | .28 | 5 | 3                                 | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.35-1.50                | 0.6-2                       | 0.11-0.22                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-12  | 1.35-1.50                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| SgD2:<br>Sassafras-----     | 0-9   | ---  | ---  | 3-12  | 1.00-1.40                | 0.6-6                       | 0.10-0.14                      | 0.0-2.9                      | 1.0-2.0           | .20             | .28 | 5 | ---                               | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.35-1.50                | 0.6-2                       | 0.11-0.22                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-12  | 1.35-1.50                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| SgD3:<br>Sassafras-----     | 0-9   | ---  | ---  | 3-12  | 1.00-1.40                | 0.6-6                       | 0.10-0.14                      | 0.0-2.9                      | 1.0-2.0           | .20             | .28 | 4 | 3                                 | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.35-1.50                | 0.6-2                       | 0.11-0.22                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-12  | 1.35-1.50                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| SgE:<br>Sassafras-----      | 0-9   | ---  | ---  | 3-12  | 1.00-1.40                | 0.6-6                       | 0.10-0.14                      | 0.0-2.9                      | 1.0-2.0           | .20             | .28 | 5 | ---                               | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.35-1.50                | 0.6-2                       | 0.11-0.22                      | 0.0-2.9                      | ---               | .37             | .37 |   |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-12  | 1.35-1.50                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | ---               | .17             | .20 |   |                                   |                                   |
| ShA:<br>Sassafras-----      | 0-9   | ---  | ---  | 3-12  | 1.00-1.45                | 0.6-6                       | 0.10-0.16                      | 0.0-2.9                      | 1.0-2.0           | .28             | .28 | 5 | 3                                 | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.40-1.65                | 0.2-2                       | 0.11-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |   |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-16  | 1.40-1.70                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |   |                                   |                                   |
| ShB2:<br>Sassafras-----     | 0-9   | ---  | ---  | 3-12  | 1.00-1.45                | 0.6-6                       | 0.10-0.16                      | 0.0-2.9                      | 1.0-2.0           | .28             | .28 | 5 | 3                                 | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.40-1.65                | 0.2-2                       | 0.11-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |   |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-16  | 1.40-1.70                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |   |                                   |                                   |
| ShC2:<br>Sassafras-----     | 0-9   | ---  | ---  | 3-12  | 1.00-1.45                | 0.6-6                       | 0.10-0.16                      | 0.0-2.9                      | 1.0-2.0           | .28             | .28 | 5 | 3                                 | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.40-1.65                | 0.2-2                       | 0.11-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |   |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-16  | 1.40-1.70                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |   |                                   |                                   |
| ShC3:<br>Sassafras-----     | 0-9   | ---  | ---  | 3-12  | 1.00-1.45                | 0.6-6                       | 0.10-0.16                      | 0.0-2.9                      | 1.0-2.0           | .28             | .28 | 4 | 3                                 | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.40-1.65                | 0.2-2                       | 0.11-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |   |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-16  | 1.40-1.70                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |   |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| SkB:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Sassafras-----              | 0-9   | ---  | ---  | 3-12  | 1.00-1.45                | 0.6-6                       | 0.10-0.16                      | 0.0-2.9                      | 1.0-2.0           | .28             | .28 | 5   | 3                                 | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.40-1.65                | 0.2-2                       | 0.11-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |     |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-16  | 1.40-1.70                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| SkC:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Sassafras-----              | 0-9   | ---  | ---  | 3-12  | 1.00-1.45                | 0.6-6                       | 0.10-0.16                      | 0.0-2.9                      | 1.0-2.0           | .28             | .28 | 5   | 3                                 | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.40-1.65                | 0.2-2                       | 0.11-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |     |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-16  | 1.40-1.70                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| SkE:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Sassafras-----              | 0-9   | ---  | ---  | 3-12  | 1.00-1.45                | 0.6-6                       | 0.10-0.16                      | 0.0-2.9                      | 1.0-2.0           | .28             | .28 | 5   | 3                                 | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.40-1.65                | 0.2-2                       | 0.11-0.22                      | 0.0-2.9                      | 0.0-0.5           | .37             | .37 |     |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-16  | 1.40-1.70                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .20 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| SlD:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Collington-----             | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5   | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| Sassafras-----              | 0-9   | ---  | ---  | 3-12  | 1.00-1.40                | 0.6-6                       | 0.10-0.14                      | 0.0-2.9                      | 1.0-2.0           | .20             | .28 | 5   | ---                               | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.35-1.50                | 0.6-2                       | 0.11-0.22                      | 0.0-2.9                      | ---               | .37             | .37 |     |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-12  | 1.35-1.50                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | ---               | .17             | .20 |     |                                   |                                   |
| Aura-----                   | 0-8   | ---  | ---  | 4-15  | 1.30-1.60                | 2-20                        | 0.10-0.15                      | 0.0-2.9                      | 1.0-2.0           | .37             | .37 | 5   | 3                                 | 86                                |
|                             | 8-59  | ---  | ---  | 15-35 | 1.50-1.70                | 0.2-6                       | 0.07-0.15                      | 0.0-2.9                      | ---               | .17             | .20 |     |                                   |                                   |
|                             | 59-72 | ---  | ---  | 3-32  | 1.45-1.65                | 0.2-20                      | 0.02-0.13                      | 0.0-2.9                      | ---               | .17             | .20 |     |                                   |                                   |
| SlE:                        |       |      |      |       |                          |                             |                                |                              |                   |                 |     |     |                                   |                                   |
| Collington-----             | 0-13  | ---  | ---  | 10-20 | 1.20-1.45                | 0.6-6                       | 0.14-0.22                      | 0.0-2.9                      | 1.0-3.0           | .28             | .28 | 5   | 3                                 | 86                                |
|                             | 13-32 | ---  | ---  | 15-35 | 1.30-1.65                | 0.2-2                       | 0.12-0.16                      | 3.0-5.9                      | ---               | .32             | .32 |     |                                   |                                   |
|                             | 32-60 | ---  | ---  | 5-15  | 1.55-1.70                | 0.6-20                      | 0.05-0.15                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| Sassafras-----              | 0-9   | ---  | ---  | 3-12  | 1.00-1.40                | 0.6-6                       | 0.10-0.14                      | 0.0-2.9                      | 1.0-2.0           | .20             | .28 | 5   | ---                               | 86                                |
|                             | 9-40  | ---  | ---  | 18-27 | 1.35-1.50                | 0.6-2                       | 0.11-0.22                      | 0.0-2.9                      | ---               | .37             | .37 |     |                                   |                                   |
|                             | 40-70 | ---  | ---  | 3-12  | 1.35-1.50                | 0.6-20                      | 0.04-0.12                      | 0.0-2.9                      | ---               | .17             | .20 |     |                                   |                                   |
| Aura-----                   | 0-8   | ---  | ---  | 4-15  | 1.30-1.60                | 2-20                        | 0.10-0.15                      | 0.0-2.9                      | 1.0-2.0           | .37             | .37 | 5   | 3                                 | 86                                |
|                             | 8-59  | ---  | ---  | 15-35 | 1.50-1.70                | 0.2-6                       | 0.07-0.15                      | 0.0-2.9                      | ---               | .17             | .20 |     |                                   |                                   |
|                             | 59-72 | ---  | ---  | 3-32  | 1.45-1.65                | 0.2-20                      | 0.02-0.13                      | 0.0-2.9                      | ---               | .17             | .20 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name                   | Depth | Sand | Silt  | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|---|-------|------|-------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|   |       |      |       |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|   | In    | Pct  | Pct   | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| SmA:<br>Shrewsbury-----                       | 0-14  | ---  | ---   | 5-20  | 1.20-1.70                | 0.6-6                       | 0.16-0.20                      | 0.0-2.9                      | 3.0-5.0           | .32             | .32 | 5   | 3                                 | 86                                |
|   | 14-32 | ---  | ---   | 15-35 | 1.20-1.70                | 0.2-2                       | 0.13-0.17                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|   | 32-60 | ---  | ---   | 5-15  | 1.40-1.70                | 2-20                        | 0.07-0.15                      | 0.0-2.9                      | ---               | .20             | .20 |     |                                   |                                   |
| SmB:<br>Shrewsbury-----                       | 0-14  | ---  | ---   | 5-20  | 1.20-1.70                | 0.6-6                       | 0.16-0.20                      | 0.0-2.9                      | 3.0-5.0           | .32             | .32 | 5   | 3                                 | 86                                |
|   | 14-32 | ---  | ---   | 15-35 | 1.20-1.70                | 0.2-2                       | 0.13-0.17                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|   | 32-60 | ---  | ---   | 5-15  | 1.40-1.70                | 2-20                        | 0.07-0.15                      | 0.0-2.9                      | ---               | .20             | .20 |     |                                   |                                   |
| SnA:<br>Shrewsbury-----                       | 0-14  | ---  | ---   | 5-20  | 1.20-1.70                | 0.6-6                       | 0.16-0.20                      | 0.0-2.9                      | 3.0-5.0           | .32             | .32 | 5   | 3                                 | 86                                |
|   | 14-32 | ---  | ---   | 15-35 | 1.20-1.70                | 0.2-2                       | 0.13-0.17                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|   | 32-60 | ---  | ---   | 5-15  | 1.40-1.70                | 2-20                        | 0.07-0.15                      | 0.0-2.9                      | ---               | .20             | .20 |     |                                   |                                   |
| So:<br>Shrewsbury-----                        | 0-14  | ---  | ---   | 5-20  | 1.20-1.70                | 0.6-6                       | 0.16-0.20                      | 0.0-2.9                      | 3.0-5.0           | .32             | .32 | 5   | 3                                 | 86                                |
|   | 14-32 | ---  | ---   | 15-35 | 1.20-1.70                | 0.2-2                       | 0.13-0.17                      | 3.0-5.9                      | ---               | .28             | .28 |     |                                   |                                   |
|   | 32-60 | ---  | ---   | 5-15  | 1.40-1.70                | 2-20                        | 0.07-0.15                      | 0.0-2.9                      | ---               | .20             | .20 |     |                                   |                                   |
| Urban Land-----                               | 0-6   | ---  | ---   | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| SpB:<br>Silty And Clayey<br>Land, Gently----- | 0-7   | ---  | 34-40 | 28-75 | 1.20-1.50                | 0.0015-0.6                  | 0.14-0.20                      | 3.0-5.9                      | 0.5-2.0           | .28             | .28 | 5   | 4                                 | 86                                |
|   | 7-72  | ---  | ---   | 28-75 | 1.30-1.40                | 0.0015-0.6                  | 0.14-0.20                      | 3.0-5.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| SpC:<br>Silty And Clayey<br>Land, Slopin----- | 0-7   | ---  | 34-40 | 28-75 | 1.20-1.50                | 0.0015-0.6                  | 0.14-0.20                      | 3.0-5.9                      | 0.5-2.0           | .28             | .28 | 5   | 4                                 | 86                                |
|   | 7-72  | ---  | ---   | 28-75 | 1.30-1.40                | 0.0015-0.6                  | 0.14-0.20                      | 3.0-5.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| SpE:<br>Silty And Clayey<br>Land, Steep-----  | 0-7   | ---  | 34-40 | 28-75 | 1.20-1.50                | 0.0015-0.6                  | 0.14-0.20                      | 3.0-5.9                      | 0.5-2.0           | .28             | .28 | 4   | 4                                 | 86                                |
|   | 7-72  | ---  | ---   | 28-75 | 1.30-1.40                | 0.0015-0.6                  | 0.14-0.20                      | 3.0-5.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| StB2:<br>Sunnyside-----                       | 0-8   | ---  | ---   | 5-15  | 1.10-1.25                | 0.6-2                       | 0.12-0.18                      | 0.0-2.9                      | 1.0-4.0           | .24             | .24 | 5   | 3                                 | 86                                |
|   | 8-48  | ---  | ---   | 15-29 | 1.35-1.55                | 0.6-2                       | 0.12-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|   | 48-60 | ---  | ---   | 5-20  | 1.35-1.55                | 2-6                         | 0.08-0.18                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| StC2:<br>Sunnyside-----                       | 0-8   | ---  | ---   | 5-15  | 1.10-1.25                | 0.6-2                       | 0.12-0.18                      | 0.0-2.9                      | 1.0-4.0           | .24             | .24 | 5   | 3                                 | 86                                |
|   | 8-48  | ---  | ---   | 15-29 | 1.35-1.55                | 0.6-2                       | 0.12-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|   | 48-60 | ---  | ---   | 5-20  | 1.35-1.55                | 2-6                         | 0.08-0.18                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
| StD2:<br>Sunnyside-----     | 0-8   | ---  | ---  | 5-15  | 1.10-1.25                | 0.6-2                       | 0.12-0.18                      | 0.0-2.9                      | 1.0-4.0           | .24             | .24 | 5   | 3                                 | 86                                |
|                             | 8-48  | ---  | ---  | 15-29 | 1.35-1.55                | 0.6-2                       | 0.12-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 48-60 | ---  | ---  | 5-20  | 1.35-1.55                | 2-6                         | 0.08-0.18                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| StE:<br>Sunnyside-----      | 0-8   | ---  | ---  | 5-15  | 1.10-1.25                | 0.6-2                       | 0.12-0.18                      | 0.0-2.9                      | 1.0-4.0           | .24             | .24 | 5   | 3                                 | 86                                |
|                             | 8-48  | ---  | ---  | 15-29 | 1.35-1.55                | 0.6-2                       | 0.12-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 48-60 | ---  | ---  | 5-20  | 1.35-1.55                | 2-6                         | 0.08-0.18                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| SuB2:<br>Sunnyside-----     | 0-8   | ---  | ---  | 7-25  | 1.10-1.25                | 0.6-2                       | 0.12-0.18                      | 0.0-2.9                      | 1.0-4.0           | .32             | .32 | 5   | 5                                 | 56                                |
|                             | 8-48  | ---  | ---  | 15-29 | 1.35-1.55                | 0.6-2                       | 0.12-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 48-60 | ---  | ---  | 5-20  | 1.35-1.55                | 2-6                         | 0.08-0.18                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| SuC2:<br>Sunnyside-----     | 0-8   | ---  | ---  | 7-25  | 1.10-1.25                | 0.6-2                       | 0.12-0.18                      | 0.0-2.9                      | 1.0-4.0           | .32             | .32 | 5   | 5                                 | 56                                |
|                             | 8-48  | ---  | ---  | 15-29 | 1.35-1.55                | 0.6-2                       | 0.12-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 48-60 | ---  | ---  | 5-20  | 1.35-1.55                | 2-6                         | 0.08-0.18                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| SuD2:<br>Sunnyside-----     | 0-8   | ---  | ---  | 7-25  | 1.10-1.25                | 0.6-2                       | 0.12-0.18                      | 0.0-2.9                      | 1.0-4.0           | .32             | .32 | 5   | 5                                 | 56                                |
|                             | 8-48  | ---  | ---  | 15-29 | 1.35-1.55                | 0.6-2                       | 0.12-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 48-60 | ---  | ---  | 5-20  | 1.35-1.55                | 2-6                         | 0.08-0.18                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| SvC3:<br>Sunnyside-----     | 0-8   | ---  | ---  | 7-25  | 1.10-1.25                | 0.6-2                       | 0.12-0.18                      | 0.0-2.9                      | 1.0-4.0           | .32             | .32 | 4   | 5                                 | 56                                |
|                             | 8-48  | ---  | ---  | 15-29 | 1.35-1.55                | 0.6-2                       | 0.12-0.20                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 48-60 | ---  | ---  | 5-20  | 1.35-1.55                | 2-6                         | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .24             | .24 |     |                                   |                                   |
| SvD3:<br>Sunnyside-----     | 0-8   | ---  | ---  | 7-25  | 1.10-1.25                | 0.6-2                       | 0.12-0.18                      | 0.0-2.9                      | 1.0-4.0           | .32             | .32 | 4   | 5                                 | 56                                |
|                             | 8-48  | ---  | ---  | 15-29 | 1.35-1.55                | 0.6-2                       | 0.12-0.20                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 48-60 | ---  | ---  | 5-20  | 1.35-1.55                | 2-6                         | 0.08-0.18                      | 0.0-2.9                      | 0.0-0.5           | .24             | .24 |     |                                   |                                   |
| SwB:<br>Sunnyside-----      | 0-8   | ---  | ---  | 7-25  | 1.10-1.25                | 0.6-2                       | 0.12-0.18                      | 0.0-2.9                      | 1.0-4.0           | .32             | .32 | 5   | 5                                 | 56                                |
|                             | 8-48  | ---  | ---  | 15-29 | 1.35-1.55                | 0.6-2                       | 0.12-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 48-60 | ---  | ---  | 5-20  | 1.35-1.55                | 2-6                         | 0.08-0.18                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |
| Urban Land-----             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| SwC:<br>Sunnyside-----      | 0-8   | ---  | ---  | 7-25  | 1.10-1.25                | 0.6-2                       | 0.12-0.18                      | 0.0-2.9                      | 1.0-4.0           | .32             | .32 | 5   | 5                                 | 56                                |
|                             | 8-48  | ---  | ---  | 15-29 | 1.35-1.55                | 0.6-2                       | 0.12-0.20                      | 0.0-2.9                      | ---               | .28             | .28 |     |                                   |                                   |
|                             | 48-60 | ---  | ---  | 5-20  | 1.35-1.55                | 2-6                         | 0.08-0.18                      | 0.0-2.9                      | ---               | .24             | .24 |     |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth                  | Sand | Silt | Clay                  | Moist<br>bulk<br>density            | Permea-<br>bility<br>(Ksat)  | Available<br>water<br>capacity      | Linear<br>extensi-<br>bility  | Organic<br>matter     | Erosion factors   |                   |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|------------------------|------|------|-----------------------|-------------------------------------|------------------------------|-------------------------------------|-------------------------------|-----------------------|-------------------|-------------------|-----|-----------------------------------|-----------------------------------|
|                             |                        |      |      |                       |                                     |                              |                                     |                               |                       | Kw                | Kf                | T   |                                   |                                   |
|                             | In                     | Pct  | Pct  | Pct                   | g/cc                                | In/hr                        | In/in                               | Pct                           | Pct                   |                   |                   |     |                                   |                                   |
| Urban Land-----             | 0-6                    | ---  | ---  | ---                   | ---                                 | ---                          | 0.00-0.00                           | ---                           | ---                   | ---               | ---               | --- | ---                               | ---                               |
| Sx:<br>Manahawkin-----      | 0-39<br>39-60          | ---  | ---  | 0-0<br>0-10           | 0.30-0.65<br>1.10-1.70              | 6-20<br>2-20                 | 0.30-0.40<br>0.04-0.08              | ---                           | 20-95<br>0.5-1.0      | .05<br>.17        | ---               | 2   | 2                                 | 134                               |
| Tm:<br>Westbrook-----       | 0-10<br>10-48<br>48-99 | ---  | ---  | 0-0<br>0-0<br>2-35    | 0.10-0.70<br>0.20-0.80<br>1.25-1.50 | 0.6-20<br>0.6-20<br>0.0015-2 | 0.18-0.36<br>0.18-0.36<br>0.10-0.26 | 0.0-2.9<br>0.0-2.9<br>0.0-2.9 | 20-90<br>---<br>---   | ---<br>---<br>.64 | ---               | 2   | ---                               | ---                               |
| WaA:<br>Westphalia-----     | 0-10<br>10-28<br>28-72 | ---  | ---  | 8-15<br>10-18<br>5-15 | 1.40-1.60<br>1.40-1.60<br>1.40-1.60 | 0.6-2<br>0.6-2<br>0.6-6      | 0.12-0.24<br>0.10-0.24<br>0.08-0.16 | 0.0-2.9<br>0.0-2.9<br>0.0-2.9 | 0.5-3.0<br>---<br>--- | .49<br>.43<br>.43 | .49<br>.43<br>.43 | 5   | ---                               | 86                                |
| WaB2:<br>Westphalia-----    | 0-10<br>10-28<br>28-72 | ---  | ---  | 8-15<br>10-18<br>5-15 | 1.40-1.60<br>1.40-1.60<br>1.40-1.60 | 0.6-2<br>0.6-2<br>0.6-6      | 0.12-0.24<br>0.10-0.24<br>0.08-0.16 | 0.0-2.9<br>0.0-2.9<br>0.0-2.9 | 0.5-3.0<br>---<br>--- | .49<br>.43<br>.43 | .49<br>.43<br>.43 | 5   | ---                               | 86                                |
| WaB3:<br>Westphalia-----    | 0-10<br>10-28<br>28-72 | ---  | ---  | 8-15<br>10-18<br>5-15 | 1.40-1.60<br>1.40-1.60<br>1.40-1.60 | 0.6-2<br>0.6-2<br>0.6-6      | 0.12-0.24<br>0.10-0.24<br>0.08-0.16 | 0.0-2.9<br>0.0-2.9<br>0.0-2.9 | 0.5-3.0<br>---<br>--- | .49<br>.43<br>.43 | .49<br>.43<br>.43 | 4   | 3                                 | 86                                |
| WaC2:<br>Westphalia-----    | 0-10<br>10-28<br>28-72 | ---  | ---  | 8-15<br>10-18<br>5-15 | 1.40-1.60<br>1.40-1.60<br>1.40-1.60 | 0.6-2<br>0.6-2<br>0.6-6      | 0.12-0.24<br>0.10-0.24<br>0.08-0.16 | 0.0-2.9<br>0.0-2.9<br>0.0-2.9 | 0.5-3.0<br>---<br>--- | .49<br>.43<br>.43 | .49<br>.43<br>.43 | 5   | ---                               | 86                                |
| WaC3:<br>Westphalia-----    | 0-10<br>10-28<br>28-72 | ---  | ---  | 8-15<br>10-18<br>5-15 | 1.40-1.60<br>1.40-1.60<br>1.40-1.60 | 0.6-2<br>0.6-2<br>0.6-6      | 0.12-0.24<br>0.10-0.24<br>0.08-0.16 | 0.0-2.9<br>0.0-2.9<br>0.0-2.9 | 0.5-3.0<br>---<br>--- | .49<br>.43<br>.43 | .49<br>.43<br>.43 | 4   | 3                                 | 86                                |
| WaD2:<br>Westphalia-----    | 0-10<br>10-28<br>28-72 | ---  | ---  | 8-15<br>10-18<br>5-15 | 1.40-1.60<br>1.40-1.60<br>1.40-1.60 | 0.6-2<br>0.6-2<br>0.6-6      | 0.12-0.24<br>0.10-0.24<br>0.08-0.16 | 0.0-2.9<br>0.0-2.9<br>0.0-2.9 | 0.5-3.0<br>---<br>--- | .49<br>.43<br>.43 | .49<br>.43<br>.43 | 5   | ---                               | 86                                |
| WaD3:<br>Westphalia-----    | 0-10<br>10-28<br>28-72 | ---  | ---  | 8-15<br>10-18<br>5-15 | 1.40-1.60<br>1.40-1.60<br>1.40-1.60 | 0.6-2<br>0.6-2<br>0.6-6      | 0.12-0.24<br>0.10-0.24<br>0.08-0.16 | 0.0-2.9<br>0.0-2.9<br>0.0-2.9 | 0.5-3.0<br>---<br>--- | .49<br>.43<br>.43 | .49<br>.43<br>.43 | 4   | 3                                 | 86                                |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |   | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T |                                   |                                   |
|                             | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |   |                                   |                                   |
| WbB2:<br>Westphalia-----    | 0-10  | ---  | ---  | 8-15  | 1.40-1.60                | 0.6-2                       | 0.12-0.24                      | 0.0-2.9                      | 0.5-3.0           | .49             | .49 | 5 | ---                               | 86                                |
|                             | 10-28 | ---  | ---  | 10-18 | 1.40-1.60                | 0.6-2                       | 0.10-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 28-72 | ---  | ---  | 5-15  | 1.40-1.60                | 0.6-6                       | 0.08-0.16                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
| WbC2:<br>Westphalia-----    | 0-10  | ---  | ---  | 8-15  | 1.40-1.60                | 0.6-2                       | 0.12-0.24                      | 0.0-2.9                      | 0.5-3.0           | .49             | .49 | 5 | ---                               | 86                                |
|                             | 10-28 | ---  | ---  | 10-18 | 1.40-1.60                | 0.6-2                       | 0.10-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 28-72 | ---  | ---  | 5-15  | 1.40-1.60                | 0.6-6                       | 0.08-0.16                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
| WbD2:<br>Westphalia-----    | 0-10  | ---  | ---  | 8-15  | 1.40-1.60                | 0.6-2                       | 0.12-0.24                      | 0.0-2.9                      | 0.5-3.0           | .49             | .49 | 5 | ---                               | 86                                |
|                             | 10-28 | ---  | ---  | 10-18 | 1.40-1.60                | 0.6-2                       | 0.10-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 28-72 | ---  | ---  | 5-15  | 1.40-1.60                | 0.6-6                       | 0.08-0.16                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
| WeB2:<br>Westphalia-----    | 0-10  | ---  | ---  | 8-15  | 1.40-1.60                | 0.6-2                       | 0.12-0.24                      | 0.0-2.9                      | 0.5-3.0           | .49             | .49 | 5 | ---                               | 86                                |
|                             | 10-28 | ---  | ---  | 10-18 | 1.40-1.60                | 0.6-2                       | 0.10-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 28-72 | ---  | ---  | 5-15  | 1.40-1.60                | 0.6-6                       | 0.08-0.16                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
| Evesboro-----               | 0-16  | ---  | ---  | 1-4   | 1.20-1.55                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 16-30 | ---  | ---  | 3-6   | 1.30-1.60                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
|                             | 30-72 | ---  | ---  | 1-10  | 1.30-1.60                | 2-20                        | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
| WeC2:<br>Westphalia-----    | 0-10  | ---  | ---  | 8-15  | 1.40-1.60                | 0.6-2                       | 0.12-0.24                      | 0.0-2.9                      | 0.5-3.0           | .49             | .49 | 5 | ---                               | 86                                |
|                             | 10-28 | ---  | ---  | 10-18 | 1.40-1.60                | 0.6-2                       | 0.10-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 28-72 | ---  | ---  | 5-15  | 1.40-1.60                | 0.6-6                       | 0.08-0.16                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
| Evesboro-----               | 0-16  | ---  | ---  | 1-4   | 1.20-1.55                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 16-30 | ---  | ---  | 3-6   | 1.30-1.60                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
|                             | 30-72 | ---  | ---  | 1-10  | 1.30-1.60                | 2-20                        | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
| WeC3:<br>Westphalia-----    | 0-10  | ---  | ---  | 8-15  | 1.40-1.60                | 0.6-2                       | 0.12-0.24                      | 0.0-2.9                      | 0.5-3.0           | .49             | .49 | 4 | 3                                 | 86                                |
|                             | 10-28 | ---  | ---  | 10-18 | 1.40-1.60                | 0.6-2                       | 0.10-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 28-72 | ---  | ---  | 5-15  | 1.40-1.60                | 0.6-6                       | 0.08-0.16                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
| Evesboro-----               | 0-16  | ---  | ---  | 1-4   | 1.20-1.55                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5 | 2                                 | 134                               |
|                             | 16-30 | ---  | ---  | 3-6   | 1.30-1.60                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
|                             | 30-72 | ---  | ---  | 1-10  | 1.30-1.60                | 2-20                        | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |   |                                   |                                   |
| WeD3:<br>Westphalia-----    | 0-10  | ---  | ---  | 8-15  | 1.40-1.60                | 0.6-2                       | 0.12-0.24                      | 0.0-2.9                      | 0.5-3.0           | .49             | .49 | 4 | 3                                 | 86                                |
|                             | 10-28 | ---  | ---  | 10-18 | 1.40-1.60                | 0.6-2                       | 0.10-0.24                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |
|                             | 28-72 | ---  | ---  | 5-15  | 1.40-1.60                | 0.6-6                       | 0.08-0.16                      | 0.0-2.9                      | ---               | .43             | .43 |   |                                   |                                   |

Table J1b.--Physical Properties of the Soils--Continued

| Map symbol<br>and soil name | Depth | Sand | Silt | Clay  | Moist<br>bulk<br>density | Permea-<br>bility<br>(Ksat) | Available<br>water<br>capacity | Linear<br>extensi-<br>bility | Organic<br>matter | Erosion factors |     |     | Wind<br>erodi-<br>bility<br>group | Wind<br>erodi-<br>bility<br>index |
|-----------------------------|-------|------|------|-------|--------------------------|-----------------------------|--------------------------------|------------------------------|-------------------|-----------------|-----|-----|-----------------------------------|-----------------------------------|
|                             |       |      |      |       |                          |                             |                                |                              |                   | Kw              | Kf  | T   |                                   |                                   |
| Evesboro-----               | In    | Pct  | Pct  | Pct   | g/cc                     | In/hr                       | In/in                          | Pct                          | Pct               |                 |     |     |                                   |                                   |
|                             | 0-16  | ---  | ---  | 1-4   | 1.20-1.55                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.5-1.0           | .17             | .17 | 5   | 2                                 | 134                               |
|                             | 16-30 | ---  | ---  | 3-6   | 1.30-1.60                | 6-20                        | 0.04-0.09                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |     |                                   |                                   |
| WoA:<br>Woodstown-----      | 30-72 | ---  | ---  | 1-10  | 1.30-1.60                | 2-20                        | 0.04-0.12                      | 0.0-2.9                      | 0.0-0.5           | .17             | .17 |     |                                   |                                   |
|                             | 0-11  | ---  | ---  | 5-18  | 1.00-1.40                | 0.6-6                       | 0.08-0.16                      | 0.0-2.9                      | 1.0-2.0           | .24             | .24 | 5   | 3                                 | 86                                |
|                             | 11-29 | ---  | ---  | 18-30 | 1.35-1.70                | 0.2-6                       | 0.06-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| WoB2:<br>Woodstown-----     | 29-60 | ---  | ---  | 5-20  | 1.35-1.65                | 0.6-6                       | 0.06-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 0-11  | ---  | ---  | 5-18  | 1.00-1.40                | 0.6-6                       | 0.08-0.16                      | 0.0-2.9                      | 1.0-2.0           | .24             | .24 | 5   | 3                                 | 86                                |
|                             | 11-29 | ---  | ---  | 18-30 | 1.35-1.70                | 0.2-6                       | 0.06-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| WoC2:<br>Woodstown-----     | 29-60 | ---  | ---  | 5-20  | 1.35-1.65                | 0.6-6                       | 0.06-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 0-11  | ---  | ---  | 5-18  | 1.00-1.40                | 0.6-6                       | 0.08-0.16                      | 0.0-2.9                      | 1.0-2.0           | .24             | .24 | 5   | 3                                 | 86                                |
|                             | 11-29 | ---  | ---  | 18-30 | 1.35-1.70                | 0.2-6                       | 0.06-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| Wu:<br>Woodstown-----       | 29-60 | ---  | ---  | 5-20  | 1.35-1.65                | 0.6-6                       | 0.06-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 0-11  | ---  | ---  | 5-18  | 1.00-1.40                | 0.6-6                       | 0.08-0.16                      | 0.0-2.9                      | 1.0-2.0           | .24             | .24 | 5   | 3                                 | 86                                |
|                             | 11-29 | ---  | ---  | 18-30 | 1.35-1.70                | 0.2-6                       | 0.06-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
| Urban Land-----             | 29-60 | ---  | ---  | 5-20  | 1.35-1.65                | 0.6-6                       | 0.06-0.16                      | 0.0-2.9                      | 0.0-0.5           | .28             | .28 |     |                                   |                                   |
|                             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
|                             | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |
| ZZ900:<br>Paved Areas-----  | 0-6   | ---  | ---  | ---   | ---                      | ---                         | 0.00-0.00                      | ---                          | ---               | ---             | --- | --- | ---                               | ---                               |

